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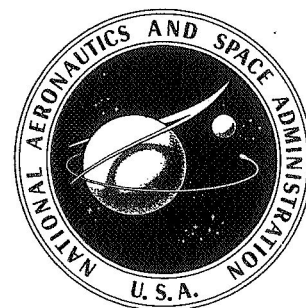
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**HYDROGEN**

**LINE BLANKETED**

**MODEL STELLAR ATMOSPHERES**

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**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

HYDROGEN

LINE BLANKETED

MODEL STELLAR ATMOSPHERES

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## FOREWORD

The purpose of this compilation of theoretical results is to provide an internally consistent set of model atmospheres that can be used for comparison with observations. Enough data on the depth-dependent quantities are given so that other quantities can be easily computed. The observable quantities—monochromatic emergent fluxes, discontinuities, continuum slopes, UVB and uvby colors, and equivalent width and central intensity of  $H_\gamma$ —are presented.





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## BASIC EQUATIONS

The models were computed with standard techniques that have been described elsewhere (Mihalas, 1967; Pecker, 1965). The actual computer programs used have been described in detail by Klinglesmith (1967).

The equation of hydrostatic equilibrium included a radiation pressure term (Woolley & Stibbs, 1953) and was solved with a fourth-order Runge-Kutta method with variable step size. The monochromatic equation of transfer in a plane-parallel semi-infinite atmosphere was solved with the method of parabolas (Avrett and Loeser, 1963), and the models were flux corrected through the use of Lucy's temperature correction procedure (1964).

The continuum opacity sources used are listed in Table 1 with the references from which the equations were taken. The approximate expressions derived by Griem (1960) and modified by Underhill (1962) were used to compute the bound-bound opacity of the Lyman and Balmer series of hydrogen. The total line opacity at a particular wavelength is a sum of all the individual line opacities with upper-level quantum numbers less than or equal to 40. Near the series limits, a photon may be absorbed into either a continuum or line transition. This probability  $W_n(\lambda)$  is described by de Jager and Neven (1960), and Mihalas (1966) shows how it can be used to take into account, in an approximate manner, the influence of the confluence of the Balmer lines.

## TABLE OF OBSERVABLES

Table 2 contains the observable quantities for each model. The parameters of the models are the effective temperature  $T_3$  (in thousands of degrees), the logarithm of the surface gravity  $G$ , the mass fraction of hydrogen  $X$ , and the mass fraction of helium  $Y$ . The tabulated observables are as follows: UBV colors, uvby colors, bolometric corrections, Balmer discontinuity, helium discontinuity at  $\lambda 3422$  ( $2^3P-k$ ), Balmer and Paschen slopes, and H $\gamma$  equivalent widths and central intensities.

The UBV colors were computed with the filter functions given by Matthews and Sandage (1963) and have been transformed, with their equations, to the standard Johnson and Morgan system.

The Stromgren u-b and b-y colors and indices  $c_1$  and  $m_1$  have been computed with the filter functions of Graham (Matsushima, 1969). The normalization coefficients given by Matsushima (1969) were used to normalize them to the standard colors. The same normalization coefficients can be used since the "instrumental colors" of black bodies computed here are the same as Matsushima's. Therefore, Matsushima's coefficients put these models on the same system.

Table 1.—Opacity Sources

<i>Opacity</i>	<i>References</i>
Bound-bound hydrogen . . . . .	Griem, 1960; Underhill, 1962
Neutral hydrogen. . . . .	Mihalas, 1965
Neutral helium . . . . .	Mihalas, 1965; Vardya, 1963
Singly ionized helium . . . . .	Vardya, 1963
Negative ion of hydrogen. . . . .	Geltman, 1962; Fischel, 1963
Negative ion of helium . . . . .	McDowell, Williamson, and Myerscough, 1966

The bolometric correction is a color in the sense that it is the difference in magnitudes between two filters:

$$BC = 2.5 \log \frac{\int_0^\infty F_\lambda V_\lambda d\lambda}{\int_0^\infty F_\lambda d\lambda} = 2.5 \log \frac{\int_0^\infty F_\lambda V_\lambda d\lambda}{\frac{\sigma}{\pi} T_{\text{eff}}^4}$$

After being normalized to the solar value (Allen, 1963), the resultant equation is

$$BC = 12.92975 - 10 \log T_{\text{eff}} + 2.5 \log \left\{ \int_0^\infty F_\lambda V_\lambda d\lambda \right\}$$

where  $T_{\text{eff}}$  is the effective temperature of the model,  $F_\lambda$  is the flux per unit wavelength, and  $V_\lambda$  is the visual filter function of Matthews and Sandage (1963).

The Balmer discontinuity is computed as a magnitude difference at  $\lambda 3647$  between the flux per unit frequency  $F_\nu$  shortward of  $\lambda 3647$  and the flux  $F_\nu$  longward of  $\lambda 3647$  extrapolated from  $\lambda 4586$  and  $\lambda 4217$  in a logarithmic plot

$$D_{3647} = -2.5 \log \frac{F_\nu(3647^+)}{F_\nu(3647^-)}$$

where

$$\log F_\nu(3647^+) = \log F_\nu(4217) + \frac{(3647 - 4217)}{(4585 - 4217)} \times \log \frac{F_\nu(4546)}{F_\nu(4217)}$$

The wavelength  $\lambda 4217$  is midway between  $H_\delta$  and  $H_\gamma$ , and the wavelength  $\lambda 4586$  is midway between  $H_\gamma$  and  $H_\beta$ .

The helium discontinuity is the magnitude difference between the  $F_\nu$ 's on either side of  $\lambda 3422$ :

$$D_{3422} = -2.5 \log \frac{F_\nu(3422^+)}{F_\nu(3422^-)}$$

The Balmer and Paschen slopes are the rates of change of the magnitudes, with  $F_\nu$ , in the Balmer and Paschen continua:

$$\Phi_B = -2.5 \log \frac{F_\nu(3647^+)}{F_\nu(3422)} \left( \frac{1}{\Delta\lambda} \right), \Delta\lambda = 0.0226\mu$$

and

$$\Phi_P = -2.5 \log \frac{F_\nu(5508)}{F_\nu(5050)} \left( \frac{1}{\Delta\lambda} \right), \Delta\lambda = 0.0458\mu$$

where  $\Delta\lambda$  is in microns.

The profile of the  $H_\gamma$  has been computed with the ESW method (1967) for the Stark broadening, which was folded with a Voight function. In the solution of the transfer equation, electron scattering was included, and the total source function was allowed to vary across the line. The equivalent width was computed from

$$W_\lambda = \int_{-70\text{\AA}}^{+70\text{\AA}} \left( 1 - \frac{F_L}{F_c} \right) d\Delta\lambda$$

The continuum flux  $F_c$  at each wavelength was found through the assumption that at  $\pm 70\text{\AA}$  the line flux  $F_L$  and the continuum flux are equal (i.e., the residual flux is zero) and then by using linear interpolation for  $F_c(\Delta\lambda)$ .

## TABLE OF THE MODELS

Each pair of facing pages in Table 3 contains the data for one model. The left-hand page is comprised of the depth-dependent parameters. The column headings are—

TAU	$\tau_{5000}$ the standard optical depth
TE	Temperature, $^{\circ}\text{K}$
PG	Gas pressure, dynes/cm <sup>2</sup>
PE	Electron pressure, dynes/cm <sup>2</sup>
RHO	Mass density, g/cm <sup>3</sup>
KAPZ	Total opacity, absorption plus scattering at the standard wavelength, cm <sup>2</sup> /g

DF(%)	Percent error in the integrated flux
DTE	Temperature changes that would be applied to the next iteration, °K
XH2	Fraction of hydrogen that is ionized
XHE2	Fraction of helium that is singly ionized
XHE3	Fraction of helium that is doubly ionized

The right-hand page is the emergent flux (FLAM) in units of  $\text{ergs/cm}^2/\text{\AA}$  as a function of wavelength (LAM) in angstroms. The values of X and Y are the mass fractions of hydrogen and helium. The effective temperature ( $T_{\text{eff}}$ ) and logarithm of surface gravity (LOG G) are listed on each half of page.

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## TABLE 2.-OBSERVABLES

Table 2—Observables

T3 G			X		Y		STROMGREN				JOHNSON		B.C.		D <sub>A</sub>		$\phi_B$		$\phi_P$		H <sub>y</sub>		I <sub>C</sub>		W <sub>A</sub>	
							u-b	b-y	c <sub>1</sub>	m <sub>1</sub>	U-B	B-V			3647	3422										
10	2.5	0.0164	0.9836				1.226	0.007	0.867	0.171	-0.133	0.009	-0.324		-1.300116	-0.000114	-2.2129		2.0872		0.2636		9.69			
10	3.0	0.0164	0.9836				1.212	0.009	0.800	0.196	-0.126	0.027	-0.310		-1.283016	-0.000020	-2.1394		2.0928		0.2638		12.50			
10	3.5	0.0164	0.9836				1.190	0.012	0.703	0.230	-0.133	0.050	-0.297		-1.246664	-0.000072	-2.0790		2.0675		0.2678		15.80			
10	4.0	0.0164	0.9836				1.157	0.019	0.578	0.269	-0.157	0.080	-0.288		-1.189872	-0.000058	-2.0403		2.0252		0.2689		19.40			
10	4.5	0.0164	0.9836				1.118	0.029	0.436	0.310	-0.193	0.114	-0.280		-1.116789	-0.000047	-1.9026		1.9483		0.2663		23.00			
10	2.5	0.1430	0.8570				1.210	0.013	0.861	0.160	-0.155	0.010	-0.337		-1.271009	-0.000024	-2.2707		2.0246		0.2594		8.52			
10	3.0	0.1430	0.8570				1.211	0.011	0.821	0.183	-0.134	0.022	-0.319		-1.275367	-0.000015	-2.2048		2.0620		0.2650		11.30			
10	3.5	0.1430	0.8570				1.194	0.012	0.741	0.213	-0.133	0.041	-0.304		-1.251170	-0.000010	-2.1278		2.0602		0.2622		14.50			
10	4.0	0.1430	0.8570				1.167	0.017	0.629	0.251	-0.148	0.068	-0.293		-1.208275	-0.000007	-2.0351		2.0297		0.2622		18.50			
10	4.5	0.1430	0.8570				1.129	0.028	0.469	0.301	-0.184	0.111	-0.283		-1.143713	-0.000006	-1.9579		1.9789		0.2589		22.70			
10	2.5	0.6667	0.3333				1.187	0.021	0.855	0.144	-0.193	0.009	-0.359		-1.228887	-0.000003	-2.3539		1.9288		0.2672		6.34			
10	3.0	0.6667	0.3333				1.207	0.014	0.852	0.162	-0.155	0.013	-0.336		-1.265416	-0.000002	-2.2661		2.0135		0.2619		8.72			
10	3.5	0.6667	0.3333				1.204	0.012	0.806	0.186	-0.137	0.025	-0.318		-1.264789	-0.000002	-2.1738		2.0445		0.2616		11.60			
10	4.0	0.6667	0.3333				1.187	0.013	0.723	0.217	-0.136	0.046	-0.303		-1.240710	-0.000001	-2.1192		2.0473		0.2625		15.10			
10	4.5	0.6667	0.3333				1.157	0.019	0.603	0.257	-0.155	0.074	-0.291		-1.194977	-0.000001	-2.0458		2.0218		0.2614		19.30			
10	2.5	1.0000	0.0				1.172	0.030	0.788	0.161	-0.219	0.037	-0.369		-1.211041	-0.000001	-2.3513		1.8668		0.2685		5.71			
10	3.0	1.0000	0.0				1.200	0.019	0.816	0.172	-0.171	0.029	-0.343		-1.252448	-0.000001	-2.3004		1.9916		0.2632		7.92			
10	3.5	1.0000	0.0				1.203	0.017	0.785	0.191	-0.149	0.040	-0.324		-1.267138	-0.0	-2.2317		2.0421		0.2621		10.70			
10	4.0	1.0000	0.0				1.191	0.014	0.725	0.217	-0.138	0.050	-0.307		-1.248537	-0.0	-2.1568		2.0500		0.2738		14.00			
10	4.5	1.0000	0.0				1.166	0.017	0.640	0.245	-0.148	0.065	-0.294		-1.210101	-0.0	-2.0403		2.0308		0.2638		18.00			
12	2.5	0.0164	0.9836				0.857	-0.026	0.608	0.149	-0.379	-0.059	-0.744		-1.009249	-0.006406	-0.3473		2.4287		0.3028		7.24			
12	3.0	0.0164	0.9836				0.858	-0.025	0.573	0.167	-0.367	-0.046	-0.735		-1.008598	-0.003556	-0.3735		2.4394		0.3027		9.33			
12	3.5	0.0164	0.9836				0.853	-0.023	0.520	0.189	-0.363	-0.029	-0.727		-1.004380	-0.002116	-0.3727		2.4420		0.3056		11.90			
12	4.0	0.0164	0.9836				0.839	-0.021	0.438	0.220	-0.374	-0.007	-0.719		-0.973346	-0.001211	-0.3967		2.4165		0.3039		14.90			
12	4.5	0.0164	0.9836				0.824	-0.015	0.340	0.256	-0.391	0.020	-0.708		-0.933775	-0.000738	-0.3454		2.3891		0.2951		18.40			
12	2.5	0.1430	0.8570				0.834	-0.009	0.523	0.164	-0.416	-0.020	-0.772		-0.971890	-0.000805	-0.5388		2.3137		0.2997		6.39			
12	3.0	0.1430	0.8570				0.844	-0.012	0.516	0.175	-0.395	-0.016	-0.759		-0.985296	-0.000414	-0.5342		2.3492		0.3064		8.39			
12	3.5	0.1430	0.8570				0.843	-0.012	0.486	0.190	-0.385	-0.007	-0.747		-0.985509	-0.000246	-0.5149		2.3717		0.3093		10.80			
12	4.0	0.1430	0.8570				0.833	-0.012	0.423	0.216	-0.388	0.008	-0.735		-0.963856	-0.000142	-0.4794		2.3672		0.3027		13.60			
12	4.5	0.1430	0.8570				0.822	-0.009	0.348	0.245	-0.397	0.027	-0.722		-0.941032	-0.000095	-0.4022		2.3547		0.2975		17.10			
12	2.5	0.6667	0.3333				0.806	-0.005	0.557	0.129	-0.436	-0.046	-0.796		-0.911949	-0.000127	-0.5630		2.1829		0.3126		4.69			
12	3.0	0.6667	0.3333				0.837	-0.012	0.571	0.144	-0.401	-0.043	-0.778		-0.955513	-0.000058	-0.5853		2.2737		0.3025		6.46			
12	3.5	0.6667	0.3333				0.849	-0.014	0.559	0.158	-0.379	-0.036	-0.763		-0.981922	-0.000032	-0.5608		2.3313		0.3111		8.61			
12	4.0	0.6667	0.3333				0.839	-0.016	0.507	0.181	-0.379	-0.025	-0.750		-0.962148	-0.000018	-0.5903		2.3428		0.3131		10.90			
12	4.5	0.6667	0.3333				0.836	-0.015	0.449	0.208	-0.377	-0.006	-0.736		-0.955140	-0.000011	-0.4866		2.3528		0.3041		14.00			
12	2.5	1.0000	0.0				0.781	0.007	0.458	0.153	-0.474	-0.005	-0.806		-0.888497	-0.0	-0.5562		2.1338		0.3143		4.17			
12	3.0	1.0000	0.0				0.829	-0.010	0.568	0.139	-0.410	-0.044	-0.784		-0.944853	-0.0	-0.5825		2.2455		0.3087		5.99			
12	3.5	1.0000	0.0				0.845	-0.013	0.563	0.163	-0.386	-0.038	-0.768		-0.973482	-0.0	-0.5800		2.3119		0.3051		7.90			
12	4.0	1.0000	0.0				0.841	-0.010	0.482	0.188	-0.390	-0.005	-0.755		-0.971996	-0.0	-0.5587		2.3380		0.3089		10.20			
12	4.5	1.0000	0.0				0.835	-0.010	0.435	0.209	-0.387	0.006	-0.741		-0.964097	-0.0	-0.4807		2.3489		0.3063		13.00			



Table 2 (Continued)

T3 G X Y			STROMGREN			JOHNSON		B.C.	D <sub>λ</sub>		φ <sub>B</sub>	φ <sub>P</sub>	H <sub>γ</sub>			
			u-b	b-y	c <sub>i</sub>	m <sub>i</sub>	U-B	B-V		3647	3422			I <sub>C</sub>	W <sub>λ</sub>	
14	2.5	0.0164	0.9836	0.561	-0.049	0.391	0.133	-0.590	-0.110	-1.106	-0.752014	-0.079725	1.8446	2.6659	0.3352	5.36
14	3.0	0.0164	0.9836	0.586	-0.050	0.392	0.146	-0.560	-0.100	-1.102	-0.768059	-0.050411	1.4963	2.7115	0.3330	7.24
14	3.5	0.0164	0.9836	0.600	-0.050	0.397	0.165	-0.542	-0.086	-1.099	-0.806092	-0.032008	1.3073	2.7148	0.3267	9.53
14	4.0	0.0164	0.9836	0.603	-0.048	0.319	0.189	-0.538	-0.068	-1.096	-0.808303	-0.019719	1.1233	2.7141	0.3263	12.30
14	4.5	0.0164	0.9836	0.595	-0.043	0.241	0.219	-0.549	-0.044	-1.092	-0.789562	-0.012507	1.0247	2.6910	0.3229	15.40
14	2.5	0.1430	0.8570	0.579	-0.032	0.333	0.154	-0.591	-0.064	-1.147	-0.773621	-0.013006	0.9030	2.5708	0.3368	5.06
14	3.0	0.1430	0.8570	0.602	-0.035	0.342	0.164	-0.563	-0.060	-1.142	-0.804720	-0.007059	0.8069	2.6209	0.3295	6.88
14	3.5	0.1430	0.8570	0.615	-0.037	0.357	0.164	-0.534	-0.068	-1.151	-0.795856	0.0	0.6146	2.5705	0.3486	8.36
14	4.0	0.1430	0.8570	0.605	-0.036	0.286	0.194	-0.549	-0.041	-1.129	-0.803976	-0.002296	0.7068	2.6379	0.3326	11.50
14	4.5	0.1430	0.8570	0.600	-0.033	0.227	0.219	-0.555	-0.025	-1.120	-0.788845	-0.001392	0.7310	2.6268	0.3253	14.40
14	2.5	0.6667	0.3333	0.540	-0.017	0.270	0.151	-0.630	-0.046	-1.181	-0.702787	-0.001887	0.6776	2.4027	0.3362	3.70
14	3.0	0.6667	0.3333	0.584	-0.033	0.385	0.132	-0.569	-0.086	-1.166	-0.755771	-0.000925	0.6180	2.4972	0.3396	5.26
14	3.5	0.6667	0.3333	0.606	-0.036	0.384	0.146	-0.545	-0.080	-1.159	-0.786364	-0.000479	0.5935	2.5505	0.3381	7.08
14	4.0	0.6667	0.3333	0.607	-0.037	0.354	0.162	-0.539	-0.070	-1.149	-0.788423	-0.000269	0.5573	2.5780	0.3409	9.19
14	4.5	0.6667	0.3333	0.609	-0.037	0.311	0.185	-0.536	-0.055	-1.138	-0.790509	-0.000163	0.6213	2.5914	0.3329	11.70
14	2.5	1.0000	0.0	0.526	-0.021	0.340	0.113	-0.623	-0.085	-1.190	-0.670580	0.0	0.6372	2.3330	0.3540	3.25
14	3.0	1.0000	0.0	0.577	-0.030	0.379	0.128	-0.577	-0.095	-1.176	-0.741492	0.0	0.5921	2.4613	0.3428	4.78
14	3.5	1.0000	0.0	0.603	-0.034	0.355	0.142	-0.550	-0.080	-1.165	-0.778908	0.0	0.5798	2.5251	0.3370	6.51
14	4.0	1.0000	0.0	0.611	-0.036	0.365	0.158	-0.538	-0.071	-1.154	-0.791067	0.0	0.5688	2.5626	0.3376	8.52
14	4.5	1.0000	0.0	0.611	-0.036	0.325	0.178	-0.535	-0.058	-1.143	-0.791794	0.0	0.6157	2.5801	0.3357	10.90
16	2.5	0.0164	0.9836	0.252	-0.067	0.150	0.117	-0.829	-0.154	-1.426	-0.398842	-0.269953	3.3179	2.8568	0.4369	3.08
16	3.0	0.0164	0.9836	0.276	-0.068	0.166	0.122	-0.800	-0.150	-1.424	-0.445235	-0.218350	3.0015	2.8437	0.4844	4.37
16	3.5	0.0164	0.9836	0.344	-0.068	0.196	0.141	-0.741	-0.133	-1.425	-0.553901	-0.157138	3.0703	2.9170	0.3706	6.86
16	4.0	0.0164	0.9836	0.358	-0.067	0.175	0.157	-0.725	-0.120	-1.421	-0.577566	-0.114940	2.8051	2.8996	0.3767	9.20
16	4.5	0.0164	0.9836	0.377	-0.064	0.138	0.183	-0.711	-0.099	-1.421	-0.603855	-0.079766	2.5911	2.8828	0.3455	12.50
16	2.5	0.1430	0.8570	0.353	-0.049	0.149	0.149	-0.756	-0.096	-1.471	-0.566380	-0.068364	2.2561	2.7460	0.3717	3.74
16	3.0	0.1430	0.8570	0.405	-0.062	0.260	0.133	-0.688	-0.130	-1.471	-0.630921	-0.043595	2.0843	2.8100	0.3748	5.41
16	3.5	0.1430	0.8570	0.414	-0.055	0.191	0.166	-0.691	-0.091	-1.471	-0.655768	-0.027390	1.8931	2.8314	0.3532	7.34
16	4.0	0.1430	0.8570	0.432	-0.062	0.226	0.164	-0.659	-0.108	-1.467	-0.669498	-0.017429	1.7769	2.8390	0.3615	9.68
16	4.5	0.1430	0.8570	0.423	-0.054	0.129	0.199	-0.682	-0.068	-1.463	-0.660945	-0.010886	1.7143	2.8272	0.3450	12.40
16	2.5	0.6667	0.3333	0.345	-0.044	0.209	0.111	-0.740	-0.123	-1.513	-0.535514	-0.008827	1.6463	2.5964	0.3876	2.90
16	3.0	0.6667	0.3333	0.399	-0.050	0.252	0.123	-0.694	-0.122	-1.511	-0.608522	-0.005259	1.5088	2.6670	0.3721	4.38
16	3.5	0.6667	0.3333	0.424	-0.055	0.257	0.138	-0.670	-0.117	-1.504	-0.637396	-0.002958	1.4071	2.7484	0.3603	6.00
16	4.0	0.6667	0.3333	0.420	-0.056	0.232	0.149	-0.667	-0.110	-1.497	-0.633843	-0.001798	1.2505	2.7644	0.3747	7.79
16	4.5	0.6667	0.3333	0.435	-0.056	0.204	0.170	-0.658	-0.095	-1.490	-0.654686	-0.001135	1.3935	2.7915	0.3585	10.10
16	2.5	1.0000	0.0	0.327	-0.038	0.193	0.104	-0.753	-0.119	-1.528	-0.510856	0.0	1.5803	2.4996	0.4002	2.55
16	3.0	1.0000	0.0	0.391	-0.047	0.244	0.119	-0.702	-0.120	-1.519	-0.593745	0.0	1.4172	2.6349	0.3768	3.99
16	3.5	1.0000	0.0	0.424	-0.051	0.258	0.133	-0.672	-0.115	-1.515	-0.639274	0.0	1.4515	2.6969	0.3578	5.56
16	4.0	1.0000	0.0	0.433	-0.054	0.242	0.149	-0.661	-0.108	-1.505	-0.646724	0.0	1.2828	2.7480	0.3662	7.33
16	4.5	1.0000	0.0	0.435	-0.054	0.214	0.164	-0.658	-0.097	-1.497	-0.653105	0.0	1.3859	2.7707	0.3625	9.44

Table 2(Concluded)

T3	G	X	Y	STROMGREN			JOHNSON		B.C.	D <sub>λ</sub>		φ <sub>B</sub>	φ <sub>P</sub>	I <sub>C</sub>	H <sub>γ</sub>	W <sub>λ</sub>
				u-b	b-y	c <sub>1</sub>	m <sub>1</sub>	U-B	B-V		3647	3422				
18	2.5	0.0164	0.9836	0.048	-0.076	0.024	0.087	-0.967	-0.195	-1.716	-0.175510	-0.307105	3.3554	2.8637	0.6055	1.32
18	3.0	0.0164	0.9836	0.076	-0.080	0.023	0.105	-0.957	-0.186	-1.713	-0.220244	-0.325670	3.6709	2.9741	0.5021	2.21
18	3.5	0.0164	0.9836	0.116	-0.082	0.038	0.120	-0.929	-0.176	-1.724	-0.289812	-0.302663	3.7863	3.0147	0.4609	3.86
18	4.0	0.0164	0.9836	0.147	-0.083	0.048	0.131	-0.901	-0.167	-1.722	-0.342168	-0.262596	3.7794	3.0549	0.4600	5.87
18	4.5	0.0164	0.9836	0.173	-0.091	0.035	0.149	-0.878	-0.150	-1.718	-0.391331	-0.211986	3.7314	3.0617	0.3946	8.67
18	2.5	0.1430	0.8570	0.145	-0.059	-0.014	0.138	-0.907	-0.125	-1.762	-0.347087	-0.137960	2.9208	2.8405	0.4418	2.46
18	3.0	0.1430	0.8570	0.209	-0.074	0.115	0.120	-0.834	-0.162	-1.762	-0.432099	-0.115173	2.9716	2.9320	0.4222	3.89
18	3.5	0.1430	0.8570	0.229	-0.062	0.050	0.150	-0.841	-0.110	-1.768	-0.486615	-0.087713	2.8912	2.9715	0.3655	5.63
18	4.0	0.1430	0.8570	0.266	-0.077	0.123	0.147	-0.782	-0.143	-1.766	-0.522387	-0.063233	2.7777	2.9929	0.3775	7.76
18	4.5	0.1430	0.8570	0.269	-0.069	0.044	0.181	-0.796	-0.105	-1.764	-0.536327	-0.045167	2.6872	2.9962	0.3637	10.30
18	2.5	0.6667	0.3333	0.159	-0.054	0.080	0.093	-0.858	-0.150	-1.805	-0.381080	-0.018210	2.3338	2.6783	0.4129	2.20
18	3.0	0.6667	0.3333	0.248	-0.065	0.142	0.116	-0.798	-0.150	-1.809	-0.486402	-0.013604	2.3273	2.8303	0.3991	3.63
18	3.5	0.6667	0.3333	0.285	-0.070	0.161	0.131	-0.767	-0.146	-1.812	-0.531234	-0.010531	2.1619	2.9147	0.3951	5.16
18	4.0	0.6667	0.3333	0.296	-0.070	0.150	0.142	-0.755	-0.137	-1.809	-0.552420	-0.006974	2.1848	2.9057	0.3874	6.85
18	4.5	0.6667	0.3333	0.304	-0.070	0.124	0.159	-0.751	-0.125	-1.805	-0.563059	-0.004891	2.2250	2.9258	0.3746	8.94
18	2.5	1.0000	0.0	0.164	-0.051	0.074	0.095	-0.862	-0.148	-1.824	-0.375981	0.0	2.3181	2.6316	0.4160	1.98
18	3.0	1.0000	0.0	0.244	-0.061	0.139	0.113	-0.801	-0.148	-1.822	-0.481051	0.0	2.1725	2.7765	0.3983	3.36
18	3.5	1.0000	0.0	0.285	-0.067	0.161	0.128	-0.767	-0.144	-1.822	-0.529976	0.0	2.1519	2.8446	0.3859	4.82
18	4.0	1.0000	0.0	0.301	-0.069	0.156	0.141	-0.753	-0.137	-1.818	-0.553908	0.0	2.1749	2.9075	0.3844	6.45
18	4.5	1.0000	0.0	0.307	-0.069	0.133	0.155	-0.748	-0.127	-1.812	-0.565032	0.0	2.1678	2.9201	0.3795	8.38
20	2.5	0.0164	0.9836	-0.045	-0.085	-0.031	0.078	-1.020	-0.219	-1.985	-0.115470	-0.258333	3.5315	2.9717	0.5661	0.95
20	3.0	0.0164	0.9836	0.001	-0.074	-0.022	0.085	-0.996	-0.195	-2.079	-0.153687	-0.237773	3.3748	2.8076	0.6066	1.40
20	3.5	0.0164	0.9836	-0.011	-0.094	-0.027	0.101	-1.014	-0.212	-1.987	-0.167826	-0.307350	3.9027	3.1148	0.5359	2.15
20	4.0	0.0164	0.9836	-0.003	-0.093	-0.037	0.109	-1.014	-0.203	-1.983	-0.187128	-0.304984	4.0646	3.1208	0.5084	3.16
20	4.5	0.0164	0.9836	0.006	-0.091	-0.050	0.118	-1.011	-0.193	-1.979	-0.203699	-0.291810	4.0312	2.9072	0.4872	4.71
20	2.5	0.1430	0.8570	0.016	-0.077	-0.016	0.092	-0.970	-0.192	-2.019	-0.223550	-0.133027	3.2142	2.9084	0.4809	1.77
20	3.0	0.1430	0.8570	0.049	-0.082	0.007	0.102	-0.946	-0.191	-2.018	-0.272361	-0.135044	3.2295	2.9804	0.4924	2.68
20	3.5	0.1430	0.8570	0.094	-0.087	0.030	0.118	-0.914	-0.185	-2.032	-0.336659	-0.137538	3.3713	3.0715	0.4497	4.15
20	4.0	0.1430	0.8570	0.118	-0.088	0.029	0.132	-0.896	-0.175	-2.035	-0.374349	-0.121412	3.3972	3.1053	0.4252	5.89
20	4.5	0.1430	0.8570	0.128	-0.082	-0.037	0.164	-0.905	-0.138	-2.034	-0.401063	-0.100209	3.3758	3.1190	0.3960	8.10
20	2.5	0.6667	0.3333	0.039	-0.066	-0.010	0.090	-0.945	-0.177	-2.070	-0.272079	-0.018624	2.8336	2.7900	0.4376	1.69
20	3.0	0.6667	0.3333	0.123	-0.077	0.058	0.109	-0.884	-0.177	-2.080	-0.384535	-0.019965	2.7872	2.9447	0.4204	3.04
20	3.5	0.6667	0.3333	0.159	-0.080	0.077	0.121	-0.855	-0.171	-2.085	-0.433624	-0.017690	2.7568	2.9966	0.4193	4.40
20	4.0	0.6667	0.3333	0.179	-0.082	0.074	0.133	-0.839	-0.164	-2.087	-0.461121	-0.014738	2.7381	3.0260	0.4098	5.98
20	4.5	0.6667	0.3333	0.189	-0.082	0.054	0.149	-0.833	-0.152	-2.084	-0.475400	-0.011777	2.7884	3.0484	0.3976	7.88
20	2.5	1.0000	0.0	0.019	-0.061	-0.030	0.095	-0.958	-0.173	-2.083	-0.249956	0.000001	2.8076	2.7245	0.4398	1.44
20	3.0	1.0000	0.0	0.120	-0.074	0.054	0.106	-0.885	-0.174	-2.088	-0.383498	0.000001	2.7127	2.9063	0.4175	2.82
20	3.5	1.0000	0.0	0.166	-0.079	0.083	0.119	-0.849	-0.170	-2.097	-0.443034	0.000001	2.6522	2.9715	0.4101	4.21
20	4.0	1.0000	0.0	0.179	-0.072	0.012	0.155	-0.858	-0.130	-2.101	-0.469400	0.000001	2.6120	2.9982	0.4068	5.71
20	4.5	1.0000	0.0	0.190	-0.074	0.005	0.166	-0.848	-0.125	-2.098	-0.481633	0.000001	2.5647	3.0316	0.3957	7.51

### **TABLE 3.-THE MODELS**



$$T_{\text{eff}} = 10\,000^{\circ}\text{K}$$

TEFE = 10000.C LOG(G) = 2.50 X = 0.01640 Y = 0.98350

I	TAJ	TE	PG	PF	RHO	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-05	6.8090	4.8830-04	2.8770-05	3.1190-15	6.5200-03	-9.5990-02	3.1690 02	9.9970-01	1.1250-04	2.6700-31
3	1.0000-07	7.1670	4.8410-03	2.8510-04	2.9380-14	5.5200-03	-9.5990-02	-2.2550 02	9.9930-01	1.0500-04	2.9540-30
5	1.0000-05	6.8900	4.8730-02	2.8180-03	3.0800-13	6.4140-03	-9.5990-02	3.2070 02	9.8150-01	1.9410-06	1.4480-34
7	1.0000-05	7.3430	4.9020-01	2.7530-02	2.9100-12	5.3890-03	-9.5980-02	1.4410 02	9.6280-01	2.9690-06	7.5310-33
9	1.0000-04	7.7850	4.8190	2.6080-01	2.7590-11	5.7340-03	-9.5790-02	7.4510 00	9.1540-01	3.3280-06	1.3750-31
11	1.0000-03	7.7960	4.4260	2.5300	2.5120-10	7.5980-03	-7.1380-02	1.3460 00	6.3420-01	5.4540-07	3.9250-33
13	1.3590-03	7.8000	5.8790	2.5300	3.3600-10	7.7950-03	-2.3310-03	-1.3040 00	5.8630-01	4.4930-07	2.7220-33
15	1.8430-03	7.8070	7.8290	2.5580	4.4820-10	8.0340-03	1.5770-02	-1.2510 00	5.4030-01	3.7810-07	2.0050-33
17	2.5120-03	7.8190	3.1390	2.3190	5.9550-10	3.3460-03	-2.5340-03	-1.1840 00	4.9820-01	3.2760-07	1.6120-33
19	3.4150-03	7.8390	7.3390	3.8500	7.8600-10	9.7750-03	-5.2600-02	-1.1970 00	4.6190-01	2.9540-07	1.4700-33
21	4.6420-03	7.8710	3.1790	2.4740	1.0230-09	9.4020-03	-1.0250-01	-9.9370-01	4.3300-01	2.8070-07	1.5870-33
23	6.3100-03	7.9180	3.3330	2.5780	1.3270-09	1.0350-02	-9.7800-02	-8.7490-01	4.1330-01	2.8510-07	2.1280-33
25	8.5770-03	7.9640	3.2980	2.7350	1.6860-09	1.1640-02	-1.0540-01	-7.1580-01	4.0380-01	3.1300-07	3.6710-33
27	1.1660-02	8.0670	3.7620	2.9280	2.1020-09	1.3490-02	-6.3160-02	-5.6900-01	4.0380-01	3.6910-07	7.9970-33
29	1.5850-02	8.1650	4.6630	2.1690	2.5730-09	1.5930-02	-2.3770-02	-4.7950-01	4.1140-01	4.6070-07	2.0860-32
31	2.1540-02	8.2760	5.5930	2.1470	3.0940-09	1.9070-02	-2.0710-02	-4.7610-01	4.2580-01	6.0180-07	6.2640-32
33	2.9290-02	8.3970	6.8460	2.1856	3.5660-09	2.3020-02	6.3980-02	-5.4090-01	4.4570-01	8.1140-07	2.0950-31
35	3.9810-02	8.5320	8.1460	2.3370	4.2860-09	2.8090-02	1.7160-01	-5.7090-01	4.7230-01	1.1540-06	8.0810-31
37	5.4120-02	8.6850	9.5730	2.2940	5.6230-09	3.4570-02	2.7680-01	-4.9050-01	5.0730-01	1.7270-06	3.7060-30
39	7.3560-02	8.8580	1.1150	3.7110	5.6230-09	4.2750-02	4.7350-01	-4.0490-01	5.5020-01	2.7350-06	2.0240-29
41	1.0000-01	9.0570	1.2900	4.5320	5.3420-09	5.3100-02	6.9810-01	-2.8280-01	6.0240-01	4.6440-06	1.3750-28
43	1.2590-01	9.2250	1.4310	5.5620	6.8830-09	5.2300-02	7.7020-01	-2.6250-01	6.4590-01	7.2500-06	6.7090-28
45	1.5950-01	9.4100	1.5820	6.5890	7.4470-09	7.2420-02	7.7770-01	-4.4310-01	5.9480-01	1.1830-05	3.7370-27
47	1.9950-01	9.6130	1.7470	7.7660	8.0250-09	9.3290-02	6.9930-01	-1.0040 00	7.4370-01	2.0070-05	2.3390-26
49	2.5120-01	9.8350	1.9290	9.1010	9.6350-09	9.4370-02	6.3060-01	-1.3920 00	7.9150-01	3.5430-05	1.6430-25
51	3.1620-01	1.0070	2.1320	1.0590	9.2950-09	1.0500-01	6.7810-01	-1.8390 00	8.3470-01	6.3850-05	1.2190-24
53	3.9810-01	1.0340	2.3640	1.2380	1.0020-08	1.1500-01	8.2580-01	-3.4630-01	8.7440-01	1.2250-04	1.0950-23
55	5.0120-01	1.0630	2.6330	1.4200	1.0030-08	1.2390-01	3.1710-01	1.1440 00	9.0760-01	2.4410-04	1.0970-22
57	6.3100-01	1.0930	2.9490	1.5360	1.1780-08	1.3220-01	5.2430-01	7.4430-01	9.3190-01	4.7270-04	1.0020-21
59	7.9430-01	1.1260	3.3230	1.8300	1.2870-08	1.4070-01	2.5570-01	-3.9280-01	9.5060-01	9.2870-04	9.5910-21
61	1.0000-00	1.1600	3.7670	2.1980	1.4130-08	1.5050-01	-9.1630-02	-1.4150 00	9.6420-01	1.8160-03	9.0870-20
63	1.2590-00	1.1960	4.2810	2.5330	1.5540-08	1.6360-01	-5.2840-01	-1.2660 00	9.7400-01	3.5250-03	8.5130-19
65	1.5950-00	1.2350	4.8690	3.0840	1.7070-08	1.8350-01	-4.1570-01	-5.0360-01	9.8080-01	6.6990-03	7.5970-18
67	1.9950-00	1.2750	5.5150	3.7590	1.8630-08	2.1570-01	2.0990-02	1.9640-01	9.8510-01	1.2320-02	6.2790-17
69	2.5120-00	1.3190	6.1830	4.7190	2.0010-08	2.7150-01	1.2530-01	-3.5710-01	9.8780-01	2.2250-02	5.1040-16
71	3.1620-00	1.3690	6.8200	6.1910	2.0930-08	3.7580-01	-3.5310-01	-1.4760 00	9.9000-01	4.0480-02	4.5190-15
73	3.9810-00	1.4230	7.3520	8.3400	2.1170-08	5.6430-01	-2.5230-01	-1.1020 00	9.9180-01	7.0330-02	3.6520-14
75	5.0120-00	1.4770	7.8030	1.1250	2.0900-08	8.7600-01	1.3940-01	-1.1130 00	9.9310-01	1.1340-01	2.4220-13
77	6.3100-00	1.5330	8.1590	1.5100	2.0040-08	1.3840	-3.0760-01	-3.0830-01	9.9420-01	1.7600-01	1.4910-12
79	7.9430-00	1.5950	8.4350	2.0980	1.8620-08	2.1970	-2.9430-01	-1.7270-01	9.9520-01	2.6690-01	9.2130-12
81	1.0000-01	1.6580	8.6510	2.5560	1.6950-08	3.3000	-2.0970-02	8.9540-02	9.9610-01	3.8330-01	5.1720-11
83	1.2590-01	1.7240	8.8330	3.1180	1.5320-08	4.5350	2.2840-01	-1.6640 00	9.9660-01	5.1560-01	2.6660-10
85	1.5950-01	1.7890	9.0020	3.3030	1.3940-08	5.6300	-1.1740-02	-2.5570 00	9.9690-01	6.4540-01	1.2140-09
87	1.9950-01	1.8560	9.1770	4.0020	1.2850-08	6.4020	-3.5050-01	-1.0070 00	9.9720-01	7.5840-01	5.0150-09
89	2.5120-01	1.9260	9.3790	4.3250	1.2120-08	7.6420	1.0740	1.0980	9.9760-01	8.4630-01	1.9690-08
91	3.1620-01	1.9990	9.6300	4.5920	1.1650-08	8.7660	2.0030-01	-1.1440 00	9.9800-01	9.0570-01	7.1530-08
93	3.9810-01	2.0760	9.9580	4.8440	1.1390-08	9.5540	-2.9970-01	-1.3600 00	9.9830-01	9.4370-01	2.4940-07
95	5.0120-01	2.1560	1.0380	5.1070	1.1300-08	6.2460	2.5040-01	-5.4450-01	9.9860-01	9.6650-01	8.2830-07
97	6.3100-01	2.2400	1.0960	5.4290	1.1420-08	5.9460	-5.3280-02	-1.1360 00	9.9880-01	9.7990-01	2.6150-06
99	7.9430-01	2.3290	1.1750	5.8390	1.1720-08	5.6910	1.1090-01	-1.1090 00	9.9900-01	9.8770-01	7.9020-06

TYPE = 10000.0 LOG(G) = 2.50 X = 0.01540 Y = 0.98360

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	8.1680-04	1061.55	7.1350 04	2550.00	3.5920 07	3696.18	1.9350 07	4034.83	4.9130 07
546.43	9.2310-03	1085.41	2.6890 05	2127.72	3.5030 07	3697.15	1.9440 07	4078.38	4.5600 07
649.33	8.3310-01	1100.00	4.7070 05	2292.47	3.2920 07	3698.31	1.9690 07	4101.73	1.5280 07
700.11	7.2350 01	1112.26	7.3210 05	2434.38	3.0500 07	3700.50	2.1300 07	4141.06	4.5710 07
911.76	7.4290 02	1135.26	1.6050 06	2600.00	2.9190 07	3702.69	1.8960 07	4217.72	4.4200 07
911.76	7.6280 02	1161.33	2.8010 06	2600.00	2.9190 07	3703.85	1.8690 07	4297.27	4.1400 07
913.07	2.3080 03	1175.00	3.0960 06	2677.27	2.9370 07	3705.25	1.9620 07	4340.46	1.4490 07
915.54	2.0940 03	1181.83	2.9040 06	2837.09	2.6720 07	3707.91	2.2260 07	4422.28	3.8540 07
918.03	3.2660 03	1194.99	1.3710 06	3371.20	2.5190 07	3710.56	1.9100 07	4586.15	3.4720 07
919.35	3.3710 03	1208.45	1.9730 05	3121.75	2.4200 07	3711.97	1.8030 07	4762.63	3.0970 07
919.63	3.3940 03	1215.57	1.1510 05	3121.76	2.4200 07	3713.69	2.0080 07	4861.32	1.1910 07
920.16	3.4260 03	1216.42	1.1580 05	3169.76	2.3770 07	3716.95	2.3910 07	4892.89	2.7810 07
920.63	3.4660 03	1217.83	1.2440 05	3264.93	2.2970 07	3720.21	1.9320 07	4953.86	2.7550 07
920.96	3.4970 03	1219.25	1.4300 05	3365.99	2.2140 07	3721.94	1.7010 07	5016.38	2.6590 07
921.34	3.5140 03	1220.00	1.5610 05	3421.37	2.1700 07	3724.03	2.0620 07	5050.00	2.6070 07
922.05	3.5580 03	1223.41	2.3910 05	3421.37	2.1700 07	3728.14	2.6200 07	5123.58	2.4980 07
922.77	3.6080 03	1229.92	6.8820 05	3458.74	2.1420 07	3732.22	2.0530 07	5269.12	2.2960 07
923.15	3.6330 03	1236.50	2.3430 06	3530.87	2.0870 07	3734.37	1.5540 07	5423.16	2.1040 07
923.68	3.6670 03	1240.00	3.5230 06	3566.06	2.0310 07	3737.09	2.2290 07	5508.11	2.0070 07
924.49	3.7000 03	1249.96	5.8720 06	3647.05	2.0010 07	3742.24	2.9560 07	5665.32	1.8420 07
925.69	3.8010 03	1269.29	1.1690 07	3647.05	1.9190 07	3747.42	2.2060 07	5989.38	1.5520 07
925.82	3.8360 03	1289.23	1.5220 07	3849.57	1.9170 07	3750.15	1.6020 07	6352.76	1.2920 07
927.00	3.8870 03	1300.00	1.6810 07	3854.64	1.9590 07	3753.57	2.4430 07	6562.80	6.6570 06
928.48	4.0000 03	1315.23	1.8950 07	3859.62	2.0570 07	3760.36	3.4030 07	6797.77	1.0460 07
929.96	4.0840 03	1348.15	2.2620 07	3862.26	2.1190 07	3767.08	2.5090 07	7292.74	8.3750 06
930.75	4.1370 03	1381.65	2.5890 07	3865.27	2.1870 07	3770.53	1.6010 07	7865.45	6.5750 06
931.96	4.2270 03	1400.00	2.7450 07	3870.98	2.2450 07	3775.31	2.8400 07	8205.87	5.7370 06
934.26	4.4240 03	1419.35	2.8810 07	3876.71	2.2240 07	3784.22	3.9290 07	8205.87	6.3290 06
935.58	4.5650 03	1437.53	3.1340 07	3879.74	2.1950 07	3793.16	2.8700 07	8862.47	5.3600 06
937.80	4.8440 03	1497.93	3.3470 07	3880.27	2.1720 07	3797.90	1.5840 07	10448.64	3.0190 06
939.94	4.8490 03	1520.00	3.4450 07	3881.28	2.1590 07	3804.32	3.3060 07	12726.36	1.4990 06
943.74	5.2390 03	1545.12	3.5370 07	3882.28	2.1390 07	3816.55	4.4760 07	14380.00	9.6500 05
947.66	5.5090 03	1595.10	3.5720 07	3882.81	2.1360 07	3828.85	3.4340 07	15890.88	7.0610 05
949.74	5.5930 03	1648.41	3.7640 07	3883.50	2.1240 07	3835.38	1.6040 07	19843.04	3.0830 05
953.60	6.1940 03	1673.00	3.7940 07	3884.82	2.1210 07	3844.54	3.3630 07	26411.82	1.0640 05
953.60	7.2510 03	1723.39	3.8170 07	3886.13	2.0760 07	3862.03	4.9070 07	32000.00	5.0950 04
953.52	8.0780 03	1816.53	3.8000 07	3886.83	2.0770 07	3879.57	3.9610 07	34121.04	3.9800 04
972.54	7.6830 03	1920.32	3.7300 07	3889.05	2.0660 07	3889.05	1.5890 07	39024.39	2.3690 04
981.32	1.0730 04	1980.00	3.6710 07	3889.19	2.0950 07	3902.80	4.4780 07	45573.51	1.2980 04
983.42	2.5830 04	1991.74	3.6580 07	3890.73	1.9980 07	3929.14	5.0770 07	50000.00	9.0460 03
1016.12	2.0750 04	2014.39	3.6330 07	3891.55	2.0050 07	3955.34	4.4980 07	54724.75	6.3600 03
1025.72	1.6100 04	2037.56	3.6070 07	3892.52	1.9980 07	3970.07	1.5970 07	66666.67	2.9380 03
1037.82	2.0600 04	2050.00	3.5920 07	3894.35	2.0940 07	3992.20	4.7840 07	85275.25	1.1180 03

TERR = 10000.0 LOG(G) = 3.00 X = 0.0164C Y = 0.98360											
I	TAJ	TE	PG	PE	RHO	KAPZ	CP(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	7.2290 03	1.5000-03	8.8870-05	9.0330-15	6.5860-03	-2.0170-01	-3.4560 02	9.9980-01	4.8290-04	9.4460-29
3	1.0000-07	7.2570 03	1.5280-02	8.9870-04	9.1600-14	5.5180-03	-2.0170-01	-3.9430 02	9.9830-01	5.6360-05	1.5530-30
5	1.0000-06	7.2660 03	1.5410-01	8.9300-03	9.2300-13	5.4540-03	-2.0180-01	-2.8580 02	9.8400-01	5.7750-06	1.6640-32
7	1.0000-05	7.5590 03	1.5630 00	8.6990-02	9.0230-12	6.4450-03	-2.0170-01	-7.1230 01	9.4260-01	3.0940-06	3.1370-32
9	1.0000-04	7.8190 03	1.4910 01	7.2050-01	8.3860-11	7.1470-03	-2.0130-01	-3.5100 00	9.1210-01	1.4270-06	3.0580-32
11	1.0000-03	7.7840 03	1.3020 02	3.5190 00	7.5220-10	5.1430-03	-3.2490-01	-2.1580 00	4.4040-01	2.4510-07	7.3930-34
13	1.3590-03	7.7870 03	1.7370 02	4.2440 00	1.0060-09	8.3590-03	-3.1470-01	-1.9710 00	4.0060-01	2.0600-07	5.3030-34
15	1.8480-03	7.7960 03	2.3110 02	5.1230 00	1.3390-09	6.7570-03	-2.5310-01	-1.8090 00	3.6260-01	1.7890-07	4.2230-34
17	2.5120-03	7.8150 03	3.0050 02	6.2100 00	1.7700-09	9.1540-03	-2.5300-01	-1.6780 00	3.3180-01	1.6260-07	3.8950-34
19	3.4150-03	7.8480 03	4.0020 02	7.5830 00	2.3120-09	9.8850-03	-2.9960-01	-1.5630 00	3.0890-01	1.5670-07	4.3480-34
21	4.6420-03	7.8970 03	5.1760 02	9.3540 00	2.9740-09	1.0980-02	-2.9220-01	-1.4430 00	2.9440-01	1.6180-07	6.1090-34
23	6.3100-03	7.9650 03	6.5920 02	1.1660 01	3.7570-09	1.2580-02	-2.5170-01	-1.2680 00	2.8810-01	1.8000-07	1.0950-33
25	8.5770-03	8.0490 03	8.2460 02	1.4650 01	4.6500-09	1.4780-02	-2.5950-01	-9.8770-01	2.8930-01	2.6650-07	6.2840-33
27	1.1660-02	8.1450 03	1.0150 03	1.9430 01	5.6520-09	1.7670-02	-2.8940-01	-5.9690-01	2.9590-01	2.6650-07	6.2840-33
29	1.5850-02	8.2470 03	1.2310 03	2.3080 01	6.7660-09	2.1240-02	-1.5110-01	-1.0060-01	3.0570-01	3.3880-07	1.7190-32
31	2.1540-02	8.3570 03	1.4730 03	2.8790 01	7.9860-09	2.5390-02	3.7800-02	3.1050-01	3.1890-01	4.4100-07	5.0430-32
33	2.9290-02	8.4750 03	1.7450 03	3.5890 01	9.3170-09	3.1280-02	-1.0230-01	6.1340-01	3.3590-01	5.8960-07	1.6050-31
35	3.9810-02	8.6090 03	2.0470 03	4.4970 01	1.0750-08	3.8840-02	-3.1010-01	6.7230-01	3.5930-01	8.2560-07	5.9390-31
37	5.4120-02	8.7610 03	2.3750 03	5.6570 01	1.2230-08	4.8330-02	4.4460-02	6.9600-01	3.9030-01	1.2190-06	2.6010-30
39	7.3560-02	8.9350 03	2.7290 03	7.1510 01	1.3750-08	6.1190-02	7.1900-01	5.9810-01	4.3030-01	1.9090-06	1.3760-29
41	1.0000-01	9.1190 03	3.4130 03	8.9800 01	1.5320-08	7.7920-02	7.9410-01	-4.6910-01	4.7500-01	3.0530-06	7.7090-29
43	1.2590-01	9.2720 03	3.4190 03	1.0650 02	1.6510-08	9.1500-02	7.9410-01	-4.6910-01	5.1420-01	4.4980-06	3.1320-28
45	1.5850-01	9.4490 03	3.7430 03	1.2690 02	1.7580-08	1.0950-01	5.4200-01	-7.1000-01	5.6130-01	7.0320-06	1.5380-27
47	1.9950-01	9.6510 03	4.0830 03	1.5150 02	1.8830-08	1.3080-01	9.5730-02	-8.4970-01	5.1600-01	1.1690-05	9.1630-27
49	2.5120-01	9.8820 03	4.4430 03	1.8040 02	1.9930-08	1.5480-01	-2.4470-01	-4.4710-01	6.7660-01	2.0770-05	6.6730-26
51	3.1620-01	1.0130 04	4.8290 03	2.1280 02	2.1060-08	1.7940-01	-3.7820-01	1.7220-01	7.3660-01	3.8150-05	5.3340-25
53	3.9810-01	1.0400 04	5.2540 03	2.4840 02	2.2240-08	2.0290-01	-7.4100-02	8.3690-01	7.9270-01	7.2430-05	4.6650-24
55	5.0120-01	1.0680 04	5.7320 03	2.8700 02	2.3550-08	2.2400-01	1.3120-01	7.0990-01	8.4090-01	1.3880-04	4.1370-23
57	6.3100-01	1.0980 04	6.2830 03	3.2910 02	2.5060-08	2.4260-01	2.9450-01	2.1550-02	8.7990-01	2.6520-02	3.6080-22
59	7.9430-01	1.1300 04	6.9290 03	3.7670 02	2.6800-08	2.5320-01	1.1960-01	-9.7350-01	9.1170-01	5.1970-04	3.3850-21
61	1.0000 00	1.1640 04	7.6920 03	4.5170 02	2.8830-08	2.7570-01	-1.4380-01	-1.3540 00	9.3570-01	1.0170-03	3.1630-20
63	1.2590 00	1.1990 04	8.5940 03	4.9720 02	3.1210-08	2.9450-01	-3.5090-01	-1.0480-01	9.5290-01	1.9450-03	2.7580-19
65	1.5850 00	1.2370 04	9.6510 03	5.7940 02	3.3900-08	3.1950-01	-5.8000-02	4.6940-01	9.6500-01	3.7270-03	2.4530-18
67	1.9950 00	1.2760 04	1.0860 04	6.8500 02	3.6860-08	3.5690-01	2.9060-01	6.7510-01	9.7370-01	6.8770-03	1.9730-17
69	2.5120 00	1.3190 04	1.2190 04	8.3230 02	3.9780-08	4.1930-01	7.5680-02	-3.2450-01	9.7940-01	1.2850-02	1.7050-16
71	3.1620 00	1.3690 04	1.3560 04	1.0530 03	4.2210-08	5.3500-01	-2.5340-01	-1.0200 00	9.8380-01	2.4170-02	1.5810-15
73	3.9810 00	1.4190 04	1.4860 04	1.3610 03	4.3960-08	7.3310-01	-1.8370-01	5.9510-02	9.8670-01	4.1720-02	1.1660-14
75	5.0120 00	1.4710 04	1.5990 04	1.7870 03	4.4630-08	1.0550 00	3.5560-01	2.0530-01	9.8890-01	6.8310-02	7.5590-14
77	6.3100 00	1.5270 04	1.6970 04	2.3960 03	4.4110-08	1.6140 00	-8.4820-02	-6.4170-01	9.9070-01	1.0940-01	4.8180-13
79	7.9430 00	1.5980 04	1.7760 04	3.2330 03	4.2260-08	2.5610 00	-2.5980-01	-7.1780-01	9.9230-01	1.7130-01	3.0500-12
81	1.0000 01	1.6510 04	1.8380 04	4.2580 03	3.9320-08	3.9810 00	-2.9000-01	4.9570-01	9.9360-01	2.5540-01	1.7340-11
83	1.2590 01	1.7170 04	1.9880 04	5.4220 03	3.6230-08	5.9020 00	-6.0560-02	-1.6420-01	9.9430-01	3.6330-01	9.2560-11
85	1.5850 01	1.7830 04	1.9320 04	6.5830 03	3.3030-08	8.0620 00	-2.7110-01	5.1950-01	9.9470-01	4.8480-01	4.3400-10
87	1.9450 01	1.8500 04	1.9740 04	7.6710 03	3.0130-08	1.0170 01	2.5900-01	-4.0310-01	9.9530-01	6.1190-01	1.8840-09
89	2.5120 01	1.9200 04	2.0160 04	8.6100 03	2.7820-08	1.1730 01	-2.3000-01	-2.6110-01	9.9590-01	7.2870-01	7.6220-09
91	3.1620 01	1.9950 04	2.0640 04	9.3890 03	2.6060-08	1.2590 01	2.5150-01	-9.0230-01	9.9650-01	8.2850-01	2.9530-09
93	3.9810 01	2.0730 04	2.1220 04	1.0040 04	2.4930-08	1.2560 01	3.3480-01	1.5250-01	9.9710-01	8.9120-01	1.0810-07
95	5.0120 01	2.1540 04	2.1960 04	1.0630 04	2.3100-08	1.2550 01	1.3210-01	-1.0190-01	9.9760-01	9.3430-01	3.7310-07
97	6.3100 01	2.2380 04	2.2900 04	1.1230 04	2.4100-08	1.2020 01	-3.5450-02	-3.6800-01	9.9800-01	9.6030-01	1.1960-06
99	7.9430 01	2.3250 04	2.4190 04	1.1960 04	2.4320-08	1.1430 01	7.9500-02	-2.3220-01	9.9840-01	9.7570-01	3.6280-06



TEFF = 10000.0 LOG(G) = 3.00 X = 0.01640 Y = 0.98350									
LAM	= LAM	LAM	F LAM	LAM	= LAM	LAM	F LAM	LAM	F LAM
504.26	9.201E-04	1051.56	4.099D 04	2050.00	3.639D 07	3695.18	2.048D 07	4034.83	4.908D 07
546.43	1.052D-02	1086.41	1.206D 05	2127.72	3.552D 07	3697.15	2.052D 07	4073.39	4.416D 07
649.38	9.541D-01	1100.00	2.130D 05	2292.47	3.357D 07	3698.31	2.059D 07	4101.73	1.469D 07
800.11	7.814D 01	1112.26	3.448D 05	2484.36	3.124D 07	3700.50	2.141D 07	4141.06	4.557D 07
911.76	7.618D 02	1136.26	7.163D 05	2600.00	2.992D 07	3702.69	1.977D 07	4217.72	4.472D 07
911.76	7.614D 02	1151.33	1.239D 06	2660.00	2.992D 07	3703.85	1.961D 07	4297.27	4.152D 07
913.07	2.122D 03	1175.00	1.321D 06	2677.27	2.909D 07	3705.25	2.018D 07	4340.46	1.397D 07
915.54	2.739D 03	1181.83	1.190D 06	2837.09	2.741D 07	3707.91	2.179D 07	4422.28	3.900D 07
918.03	3.234D 03	1194.99	5.457D 05	3017.20	2.591D 07	3710.56	1.960D 07	4586.15	3.521D 07
919.35	3.392D 03	1208.45	1.711D 05	3121.75	2.489D 07	3711.97	1.891D 07	4762.63	3.133D 07
919.63	3.428D 03	1215.57	1.142D 05	3121.76	2.489D 07	3713.69	2.031D 07	4861.32	1.159D 07
920.16	3.464D 03	1216.42	1.149D 05	3169.76	2.444D 07	3716.95	2.259D 07	4892.89	2.757D 07
920.69	3.514D 03	1217.93	1.181D 05	3264.93	2.360D 07	3720.21	1.937D 07	4953.86	2.787D 07
920.96	3.541D 03	1219.25	1.313D 05	3365.99	2.274D 07	3721.94	1.763D 07	5016.38	2.694D 07
921.34	3.574D 03	1220.00	1.415D 05	3421.87	2.228D 07	3724.08	2.041D 07	5050.00	2.643D 07
922.06	3.622D 03	1223.41	2.041D 05	3421.87	2.229D 07	3728.14	2.434D 07	5123.58	2.532D 07
922.77	3.679D 03	1229.92	3.904D 05	3458.74	2.198D 07	3732.22	1.997D 07	5269.12	2.328D 07
923.15	3.703D 03	1236.50	8.896D 05	3530.87	2.140D 07	3734.57	1.678D 07	5423.16	2.133D 07
923.68	3.739D 03	1242.00	1.398D 06	3606.08	2.082D 07	3737.09	2.141D 07	5508.11	2.034D 07
924.69	3.817D 03	1249.96	3.406D 06	3647.05	2.051D 07	3742.24	2.684D 07	5665.32	1.866D 07
925.69	3.880D 03	1269.29	7.283D 06	3647.05	1.969D 07	3747.42	2.095D 07	5889.38	1.572D 07
926.22	3.912D 03	1283.23	1.068D 07	3649.57	1.966D 07	3750.15	1.585D 07	6352.76	1.308D 07
927.00	3.960D 03	1300.00	1.230D 07	3654.64	1.991D 07	3753.67	2.278D 07	6562.80	6.549D 06
928.48	4.048D 03	1316.23	1.453D 07	3659.62	2.057D 07	3760.36	3.048D 07	6797.77	1.058D 07
929.96	4.154D 03	1348.15	1.839D 07	3662.26	2.102D 07	3767.08	2.304D 07	7292.74	9.476D 06
930.75	4.207D 03	1381.65	2.199D 07	3665.27	2.155D 07	3770.63	1.558D 07	7865.45	6.652D 06
931.96	4.281D 03	1400.00	2.375D 07	3670.98	2.237D 07	3775.31	2.571D 07	8203.87	5.802D 06
934.25	4.407D 03	1419.35	2.533D 07	3676.71	2.289D 07	3784.22	3.523D 07	8203.87	6.396D 06
935.58	4.594D 03	1457.53	2.831D 07	3679.74	2.263D 07	3793.16	2.578D 07	8862.47	5.416D 06
937.80	4.690D 03	1497.83	3.092D 07	3680.27	2.257D 07	3797.90	1.526D 07	10443.64	3.049D 06
939.84	4.799D 03	1520.00	3.215D 07	3681.28	2.240D 07	3804.32	2.947D 07	12726.36	1.513D 06
943.74	5.087D 03	1543.12	3.339D 07	3682.24	2.241D 07	3816.35	4.091D 07	14380.00	9.740D 05
947.66	5.404D 03	1595.10	3.522D 07	3682.81	2.241D 07	3828.85	3.059D 07	15890.88	7.124D 05
949.74	5.633D 03	1648.41	3.654D 07	3683.50	2.234D 07	3835.38	1.535D 07	19843.04	3.108D 05
953.00	5.943D 03	1678.00	3.704D 07	3684.82	2.227D 07	3844.54	3.555D 07	26411.82	1.072D 05
961.00	6.832D 03	1723.39	3.755D 07	3686.13	2.199D 07	3862.03	4.615D 07	32000.00	5.132D 04
968.52	7.599D 03	1816.53	3.785D 07	3686.83	2.198D 07	3879.67	3.558D 07	34121.04	4.007D 04
972.54	7.847D 03	1920.32	3.753D 07	3687.64	2.197D 07	3889.05	1.518D 07	39024.39	2.384D 04
981.32	9.912D 03	1980.00	3.707D 07	3689.19	2.199D 07	3902.88	4.120D 07	45573.51	1.305D 04
998.42	1.443D 04	1991.74	3.696D 07	3690.73	2.128D 07	3929.14	4.943D 07	50000.00	9.094D 03
1016.12	1.832D 04	2014.39	3.679D 07	3691.55	2.128D 07	3955.84	4.185D 07	54724.75	6.392D 03
1025.72	1.611D 04	2037.56	3.651D 07	3692.52	2.117D 07	3970.07	1.526D 07	66660.67	2.949D 03
1037.82	2.780D 04	2050.00	3.639D 07	3694.35	2.155D 07	3992.20	4.612D 07	85275.25	1.120D 03

TEFF = 10000.0 LOG(G) = 3.50 X = 0.01640 Y = 0.98360											
I	TAJ	TE	PG	PE	RHD	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	7.2520 03	4.8560-03	2.8630-04	2.9120-14	6.5340-03	-2.1870-01	-3.9400 02	9.9950-01	1.7180-04	1.3960-29
3	1.0000-07	7.2570 03	4.8560-02	2.8440-03	2.9110-13	5.5050-03	-2.1870-01	-3.9430 02	9.9430-01	1.7790-05	1.5460-31
5	1.0000-05	7.1070 03	4.9630-01	2.7080-02	3.0510-12	6.1380-03	-2.1870-01	3.3080 02	9.2300-01	7.7140-07	1.0580-34
7	1.0000-05	7.6320 03	4.9440 00	2.5530-01	2.8380-11	6.4890-03	-2.1860-01	1.9840 01	8.7460-01	1.5440-06	1.2110-32
9	1.0000-04	7.9030 03	4.4320 01	1.6970 00	2.5240-10	7.6460-03	-2.1830-01	-1.9030 00	6.3670-01	5.5920-07	4.2910-33
11	1.0000-03	7.7440 03	3.9660 02	6.6520 00	2.3230-09	9.3510-03	-4.9410-01	-1.4470 00	7.3720-01	1.0590-07	1.0990-34
13	1.3590-03	7.7530 03	5.2940 02	7.9610 00	3.1080-09	9.6880-03	-4.4230-01	-1.3890 00	2.4420-01	9.2860-08	8.9060-35
15	1.9480-03	7.7750 03	7.0180 02	9.6010 00	4.1150-09	9.2430-03	-5.3350-01	-1.3490 00	2.2180-01	8.5690-08	8.5670-35
17	2.5120-03	7.8100 03	9.1950 02	1.1690 01	5.3720-09	1.0100-02	-2.5280-01	-1.2800 00	2.0600-01	8.3950-08	1.0050-34
19	3.4150-03	7.8610 03	1.1860 03	1.4400 01	6.8860-09	1.1360-02	-2.5440-01	-1.1310 00	1.9660-01	8.8150-08	1.4830-34
21	4.6420-03	7.9310 03	1.5020 03	1.7920 01	8.6480-09	1.3180-02	-4.1690-01	-8.7860-01	1.9320-01	9.9410-08	2.7720-34
23	6.3100-03	8.0150 03	1.8680 03	2.2470 01	1.6640-08	1.5670-02	-4.0640-01	-5.2360-01	1.9470-01	1.1900-07	6.2870-34
25	8.5770-03	8.1090 03	2.2810 03	2.8130 01	1.2840-08	1.8840-02	-4.2560-01	-1.7640-01	1.9970-01	1.4740-07	1.5880-33
27	1.1660-02	8.2070 03	2.7480 03	3.5030 01	1.5280-08	2.2720-02	-2.9300-01	4.7640-02	2.0650-01	1.8550-07	4.1790-33
29	1.5950-02	8.3090 03	3.2790 03	4.3510 01	1.7990-08	2.7500-02	-4.5310-02	1.2470-01	2.1510-01	2.3650-07	1.1430-32
31	2.1540-02	8.4020 03	3.8680 03	5.4020 01	2.0930-08	3.3540-02	-2.0390-02	2.5690-01	2.2650-01	3.0940-07	3.3880-32
33	2.9290-02	8.5390 03	4.5240 03	6.7110 01	2.4120-08	4.1190-02	-5.0560-02	5.0530-01	2.4080-01	4.1400-07	1.0770-31
35	3.9310-02	8.6390 03	5.2510 03	8.3540 01	2.7550-08	5.1000-02	-5.0630-02	4.9770-01	2.5860-01	5.6910-07	3.7280-31
37	5.4120-02	8.8190 03	6.0320 03	1.0490 02	3.1060-08	6.4370-02	-2.2510-01	4.3500-01	2.8310-01	8.2750-07	1.5540-30
39	7.3340-02	8.9810 03	6.8760 03	1.3180 02	3.4700-08	8.1620-02	8.4910-01	-2.1110-01	3.1250-01	1.2360-06	7.0440-30
41	1.0000-01	9.1650 03	7.7790 03	1.6670 02	3.8380-08	1.0490-01	9.9970-01	-4.9690-01	3.5010-01	1.9500-06	3.8080-29
43	1.2590-01	9.3160 03	8.4860 03	1.9860 02	4.1110-08	1.2690-01	1.0590 00	-9.9360-01	3.8320-01	2.8150-06	1.4590-28
45	1.5950-01	9.4890 03	9.2180 03	2.3850 02	4.3730-08	1.5330-01	3.0000-01	-1.1540 00	4.2480-01	4.2960-06	6.7000-28
47	1.9950-01	9.6350 03	9.9680 03	2.8740 02	4.6190-08	1.9090-01	1.5610-01	-1.1820 00	4.4740-01	6.9010-06	3.6210-27
49	2.5120-01	9.9140 03	1.0730 04	3.4790 02	4.8410-08	2.3560-01	-2.3970-03	-1.6600 00	5.3550-01	1.1940-05	2.4740-26
51	3.1520-01	1.0160 04	1.1520 04	4.1710 02	5.0500-08	2.8570-01	-6.2070-02	1.3390 00	6.0050-01	2.1270-05	1.8300-25
53	3.9910-01	1.0430 04	1.2350 04	4.9470 02	5.2540-08	3.3990-01	-1.18560-01	-9.5690-01	6.6700-01	3.9000-05	1.4620-24
55	5.1120-01	1.0710 04	1.3230 04	5.7980 02	5.6850-08	3.9170-01	1.3320-02	-4.6940-01	7.3170-01	7.3420-05	1.2470-23
57	6.3100-01	1.1010 04	1.4210 04	6.7110 02	5.6850-08	4.4040-01	1.2700-01	-7.3790-01	7.9040-01	1.4040-04	1.1000-22
59	7.9430-01	1.1740 04	1.5330 04	7.7040 02	5.9340-08	4.8320-01	2.4670-01	-1.2730 00	8.4240-01	2.7780-04	1.0560-21
61	1.0000 00	1.1680 04	1.6610 04	8.7790 02	6.2270-08	5.1940-01	-1.5190-01	-1.1630 00	8.8400-01	5.5130-04	1.0330-20
63	1.2590 00	1.2040 04	1.8140 04	9.9900 02	6.5750-08	5.5220-01	-4.7620-01	-4.9100-01	9.1590-01	1.0950-03	1.0010-19
65	1.5350 00	1.2410 04	1.9940 04	1.1390 03	6.9990-08	5.8820-01	-2.0950-01	1.3440 00	9.3820-01	2.0850-03	8.4950-19
67	1.9350 00	1.2790 04	2.2050 04	1.3110 03	7.4920-08	6.3470-01	4.7760-01	1.2750 00	9.5310-01	3.8690-03	6.7250-18
69	2.5120 00	1.3200 04	2.4490 04	1.5350 03	8.0360-08	7.0490-01	6.9800-01	-8.4470-01	9.6340-01	7.0770-03	5.1920-17
71	3.1620 00	1.3660 04	2.7180 04	1.8510 03	8.5710-08	8.2480-01	1.2590-01	-2.6210 00	9.7160-01	1.3140-02	4.3530-16
73	3.9310 00	1.4160 04	2.9980 04	2.3120 03	9.0290-08	1.0390 00	-5.2730-01	-1.1990 00	9.7770-01	2.3920-02	3.5840-15
75	5.0120 00	1.4590 04	3.2670 04	2.9780 03	9.3360-08	1.4120 00	-5.7560-02	-6.5680-01	9.8200-01	4.1520-02	2.6690-14
77	6.3100 00	1.5230 04	3.5020 04	3.8860 03	9.4460-08	2.0150 00	5.2120-02	-2.9340-01	9.8510-01	6.7370-02	1.6620-13
79	7.9430 00	1.5960 04	3.7110 04	5.1350 03	9.3490-08	3.0060 00	6.1990-02	3.0260-01	9.8760-01	1.0550-01	9.6440-13
81	1.0000 01	1.6450 04	3.9820 04	6.9010 03	9.8660-08	4.7160 00	-3.2680-01	1.2910-01	9.8980-01	1.6460-01	5.9480-12
83	1.2590 01	1.7160 04	4.0190 04	9.1880 03	9.3490-08	7.4190 00	1.3670-01	-2.0700 00	9.9100-01	2.5010-01	3.6610-11
85	1.5350 01	1.7820 04	4.1310 04	1.1580 04	7.0660-08	1.0760 01	-1.1710-01	-1.0660 00	9.9150-01	3.4960-01	1.7710-10
87	1.9950 01	1.8490 04	4.3210 04	1.6420 04	6.4670-08	1.4590 01	1.7160-01	-7.8480-02	9.9210-01	4.6280-01	7.6300-10
89	2.5120 01	1.9200 04	4.4320 04	1.6430 04	6.4550-08	1.8530 01	-1.5690-01	-2.5050-01	9.9300-01	5.8700-01	3.2110-09
91	3.1620 01	1.9970 04	4.4220 04	1.5620 04	5.9240-08	2.1840 01	-1.2000-01	-1.1060 00	9.9410-01	7.0930-01	1.3440-08
93	3.9310 01	2.0790 04	4.5300 04	2.0430 04	5.5260-08	2.3720 01	-5.5990-01	-6.7420-01	9.9520-01	8.1040-01	5.3350-08
95	5.0120 01	2.1660 04	4.6590 04	2.1900 04	5.2840-08	2.4190 01	5.0290-01	-1.3970 00	9.9610-01	8.7940-01	1.8500-07
97	6.3100 01	2.2430 04	4.4220 04	2.3230 04	5.1510-08	2.3770 01	7.9710-01	-1.1410 00	9.9680-01	9.2470-01	5.9580-07
99	7.9430 01	2.3300 04	5.0240 04	2.4580 04	5.0990-08	2.2900 01	6.1690-01	-1.0420 00	9.9740-01	9.5330-01	1.8210-06

REF = 10000.0 LOG(G) = 3.50 X = 0.01640 Y = 0.98360

-LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.25	1.1570-03	1061.56	4.5180 04	2050.00	3.7020 07	3696.18	2.1860 07	4034.83	4.8370 07
546.43	1.2720-02	1085.41	8.4780 04	2127.72	3.6230 07	3697.15	2.1860 07	4078.38	4.1810 07
649.38	1.1040 00	1100.00	1.2230 05	2292.47	3.4440 07	3698.31	2.1840 07	4101.73	1.4170 07
800.11	8.2730 01	1112.26	1.7970 05	2484.88	3.2170 07	3700.50	2.2170 07	4141.06	4.4740 07
911.76	7.5980 02	1136.26	3.7940 05	2600.00	3.0840 07	3702.69	2.1050 07	4217.72	4.4950 07
911.76	7.5860 02	1161.33	6.1220 05	2600.00	3.0840 07	3703.85	2.0950 07	4297.27	4.1160 07
913.07	2.3610 03	1175.00	6.2720 05	2607.27	2.9980 07	3705.25	2.1230 07	4340.46	1.3520 07
915.54	2.9250 03	1181.93	5.5250 05	2837.09	2.8250 07	3707.91	2.2060 07	4422.28	3.9270 07
919.35	3.2630 03	1194.99	3.1880 05	3017.20	2.6790 07	3710.55	2.0580 07	4586.15	3.5610 07
919.35	3.3800 03	1208.45	1.4980 05	3121.75	2.5720 07	3711.97	2.0150 07	4762.63	3.1560 07
919.63	3.4050 03	1215.57	1.0940 05	3121.76	2.5720 07	3713.69	2.0990 07	4861.32	1.1280 07
920.15	3.4410 03	1216.42	1.1010 05	3159.76	2.5250 07	3716.95	2.2390 07	4892.89	2.6930 07
920.68	3.4820 03	1217.83	1.0930 05	3264.93	2.4360 07	3720.21	2.0020 07	4953.86	2.8070 07
920.96	3.5010 03	1219.25	1.1820 05	3365.99	2.3450 07	3721.94	1.8820 07	5016.38	2.7220 07
921.34	3.5260 03	1220.00	1.2610 05	3421.87	2.2960 07	3724.08	2.0800 07	5050.00	2.6710 07
922.56	3.5690 03	1223.41	1.7680 05	3421.87	2.2960 07	3728.14	2.3370 07	5123.58	2.5610 07
922.77	3.6150 03	1229.92	3.1810 05	3458.74	2.2640 07	3732.22	2.0080 07	5269.12	2.3550 07
923.15	3.6370 03	1236.50	4.9260 05	3530.87	2.2040 07	3734.37	1.7640 07	5423.16	2.1580 07
923.68	3.6680 03	1240.00	6.6370 05	3649.67	2.1430 07	3737.09	2.1220 07	5508.11	2.0580 07
924.69	3.7190 03	1249.96	1.5330 06	3647.05	2.1110 07	3742.24	2.5070 07	5665.32	1.8880 07
925.61	3.7810 03	1269.29	4.1720 06	3647.05	2.0290 07	3747.42	2.0340 07	5989.38	1.5900 07
926.22	3.8090 03	1289.23	5.9150 06	3649.67	2.0250 07	3753.67	2.1930 07	6352.76	1.3220 07
928.48	3.8020 03	1315.23	1.0410 07	3659.62	2.0820 07	3760.36	2.7840 07	6797.77	1.0700 07
929.95	4.0250 03	1348.15	1.4310 07	3662.26	2.1130 07	3767.08	2.1810 07	7292.74	8.5730 06
930.75	4.0730 03	1381.65	1.8130 07	3665.27	2.1530 07	3770.63	1.5510 07	7865.45	6.7280 06
931.96	4.1210 03	1400.00	2.0090 07	3670.98	2.2270 07	3775.31	2.4020 07	8205.87	5.8690 06
934.26	4.1760 03	1419.35	2.2080 07	3676.71	2.2800 07	3784.22	3.1750 07	8205.87	6.4490 06
936.58	4.3890 03	1457.53	2.5430 07	3679.74	2.2950 07	3793.16	2.3760 07	8862.47	5.4610 06
937.80	4.5000 03	1497.83	2.8430 07	3681.27	2.2950 07	3797.90	1.4890 07	10448.64	3.0760 06
939.84	4.5280 03	1520.00	2.9970 07	3681.28	2.2960 07	3804.32	2.6780 07	12726.36	1.5270 06
943.74	4.7310 03	1545.12	3.1250 07	3682.28	2.2970 07	3816.55	3.6870 07	14380.00	9.8300 05
947.66	5.0680 03	1595.10	3.3600 07	3682.81	2.2990 07	3828.85	2.7560 07	15890.88	7.1850 05
949.74	5.3530 03	1648.41	3.5420 07	3683.50	2.2970 07	3835.38	1.4830 07	19843.04	3.1340 05
953.60	5.4760 03	1678.00	3.6160 07	3684.82	2.2960 07	3844.54	3.1840 07	26411.82	1.0800 05
951.00	6.2030 03	1723.39	3.7000 07	3686.13	2.2850 07	3862.03	4.2550 07	32000.00	5.1680 04
958.52	6.9370 03	1815.53	3.7780 07	3686.83	2.2870 07	3879.67	3.1920 07	34121.04	4.0350 04
972.54	7.4520 03	1920.32	3.7820 07	3687.64	2.2810 07	3889.05	1.4590 07	39024.39	2.4000 04
991.32	8.9840 03	1980.00	3.7550 07	3689.19	2.2800 07	3902.80	3.7340 07	45573.51	1.3130 04
998.42	1.2840 04	1991.74	3.7470 07	3690.73	2.2480 07	3929.14	4.7240 07	50000.00	9.1430 03
1016.12	1.6520 04	2014.39	3.7310 07	3691.55	2.2480 07	3955.84	3.8190 07	54724.75	6.4230 03
1025.72	1.5400 04	2037.56	3.7130 07	3692.52	2.2400 07	3970.07	1.4640 07	66666.67	2.9600 03
1037.82	2.4530 04	2050.00	3.7020 07	3694.35	2.2520 07	3992.20	4.3490 07	85275.25	1.1220 03

TEFF = 10000.0 LOG(G) = 4.00 X = 0.01640 Y = 0.98360

I	TAU	TE	PG	PE	RHO	KAPZ	D=(%)	D TE	XHE2	XHE3	
1	1.0000-08	7.2900 03	1.5520-02	9.1280-04	9.2580-14	6.5200-03	-1.3780-01	-3.7040 02	9.9850-01	6.7080-05	2.7310-30
3	1.0000-07	7.2900 03	1.5420-01	8.9510-03	9.2030-13	6.4630-03	-1.3780-01	-3.4280 02	9.8540-01	6.8180-06	2.8090-32
5	1.0000-06	7.2950 03	1.5930 00	8.3160-02	9.5650-12	5.6570-03	-1.3780-01	1.9190 02	8.8070-01	7.5480-07	3.5550-34
7	1.0000-05	7.7150 03	1.5300 01	6.9950-01	8.7470-11	6.7990-03	-1.5770-01	1.6110 02	7.6620-01	8.6710-07	6.2060-33
9	1.0000-04	7.7610 03	1.3200 02	3.4670 00	7.6530-10	7.9080-03	-2.2060-01	-2.1630 00	4.3140-01	2.2160-07	5.3010-34
11	1.0000-03	7.6990 03	1.2390 03	1.1900 00	7.3630-09	8.3550-03	-1.1590 00	-1.5630 00	1.5520-01	4.6980-08	1.6600-35
13	1.3590-03	7.7210 03	1.6440 03	1.4300 01	9.7570-09	9.1660-03	-1.3660 00	-1.7450 00	1.4030-01	4.3730-08	1.6330-35
15	1.8480-03	7.7590 03	2.1500 03	1.7410 01	1.2700-08	1.0160-02	-1.5640 00	-1.9670 00	1.3050-01	4.3660-08	2.0340-35
17	2.5120-03	7.8160 03	2.7620 03	2.1510 01	1.6200-08	1.1650-02	-8.5740-01	-2.0910 00	1.2550-01	4.7080-08	3.2760-35
19	3.4150-03	7.8890 03	3.4760 03	2.6780 01	2.0210-08	1.3690-02	-7.3110-01	-2.0810 00	1.2420-01	5.3950-08	6.4390-35
21	4.6420-03	7.9730 03	4.2920 03	3.3540 01	2.4680-08	1.6430-02	-7.9830-01	-1.9210 00	1.2600-01	6.5220-08	1.5070-34
23	6.3100-03	8.0680 03	5.2090 03	4.2020 01	2.9600-08	1.9930-02	-8.5790-01	-1.6010 00	1.3010-01	8.1640-08	3.9310-33
25	8.5770-03	8.1650 03	6.2310 03	5.2240 01	3.4970-08	2.4150-02	-8.5460-01	-1.0080 00	1.3520-01	1.0300-07	1.0420-33
27	1.1660-02	8.2640 03	7.3860 03	5.4570 01	4.0940-08	2.9220-02	-5.4360-01	-5.8930-01	1.4110-01	1.3040-07	2.7700-33
29	1.5850-02	8.3670 03	8.6890 03	7.9660 01	4.7550-08	3.5430-02	-4.3760-02	-2.2140-01	1.4800-01	1.6680-07	7.5890-33
31	2.1540-02	8.4790 03	1.0140 04	9.8480 01	5.4710-08	4.3330-02	1.3500-01	2.5900-01	1.5690-01	2.1840-07	2.2430-32
33	2.9290-02	8.5900 03	1.1750 04	1.2080 02	6.2580-08	5.2650-02	1.7290-01	3.6730-01	1.6620-01	2.8390-07	6.4200-32
35	3.9810-02	8.7200 03	1.3540 04	1.5030 02	7.0950-08	6.5470-02	3.0430-02	2.3410-01	1.7950-01	3.8910-07	2.2010-31
37	5.4120-02	8.8620 03	1.5470 04	1.8760 02	7.9690-08	8.2230-02	-1.1290-01	1.9180-01	1.9630-01	5.4930-07	8.3030-31
39	7.3560-02	9.0290 03	1.7550 04	2.3730 02	8.8600-08	1.0570-01	-2.3600-01	1.7010-01	2.1920-01	8.2330-07	3.8300-30
41	1.0000-01	9.2060 03	1.9750 04	2.9960 02	9.7640-08	1.3630-01	9.2210-01	8.7320-02	2.4640-01	1.2580-06	1.8730-29
43	1.2590-01	9.3460 03	2.1470 04	3.5590 02	1.0440-07	1.6490-01	1.3370 00	-5.9440-01	2.6960-01	1.7480-06	6.3360-29
45	1.5950-01	9.5010 03	2.3260 04	4.2540 02	1.1100-07	2.0150-01	1.1790 00	-1.9950 00	2.9800-01	2.5130-06	2.4050-28
47	1.9950-01	9.6840 03	2.5080 04	5.1440 02	1.1720-07	2.5070-01	7.9760-01	-3.0220 00	3.3490-01	3.8390-06	1.1150-27
49	2.5120-01	9.9020 03	2.6900 04	6.3010 02	1.2260-07	3.1820-01	2.7650-01	-3.7570 00	3.8350-01	6.3380-06	6.6760-27
51	3.1620-01	1.0150 04	2.8710 04	7.7400 02	1.2720-07	4.0520-01	3.2450-01	-3.3570 00	4.4300-01	1.1100-05	4.8190-26
53	3.9910-01	1.0430 04	3.0500 04	9.4820 02	1.3090-07	5.1250-01	-7.1360-01	-1.8750 00	5.1300-01	2.0580-05	4.1180-25
55	5.0120-01	1.0730 04	3.2290 04	1.1470 03	1.3410-07	6.3300-01	-1.0460-01	-1.7200-01	5.8930-01	3.9310-05	3.8090-24
57	6.3100-01	1.1030 04	3.4160 04	1.3560 03	1.3740-07	7.5270-01	6.2330-01	-7.7000-01	6.6030-01	7.4250-05	3.3110-23
59	7.9430-01	1.1360 04	3.6160 04	1.5840 03	1.4060-07	8.6890-01	6.2550-01	-2.1640 00	7.3060-01	1.4470-04	3.1240-22
61	1.0000 00	1.1710 04	3.8390 04	1.8240 03	1.4420-07	9.7200-01	6.5220-03	-2.7210 00	7.9380-01	2.8740-04	3.0660-21
63	1.2590 00	1.2080 04	4.0930 04	2.0770 03	1.4860-07	1.0570 00	-5.8210-01	-1.4850 00	8.4670-01	5.7540-04	3.0400-20
65	1.5850 00	1.2450 04	4.3900 04	2.3440 03	1.5420-07	1.1300 00	-4.2360-01	6.5050-01	8.8560-01	1.1000-03	2.5770-19
67	1.9950 00	1.2820 04	4.7410 04	2.6410 03	1.6130-07	1.1990 00	1.0310-01	1.6600 00	9.1290-01	2.0440-03	2.0010-18
69	2.5120 00	1.3210 04	5.1560 04	3.0020 03	1.6980-07	1.2490 00	5.9000-01	2.5340-01	9.3270-01	3.7300-03	1.4800-17
71	3.1620 00	1.3650 04	5.6380 04	3.4830 03	1.7900-07	1.4190 00	6.3320-01	-1.9970 00	9.4870-01	6.9640-03	1.2030-16
73	3.9810 00	1.4140 04	6.1740 04	4.1590 03	1.8820-07	1.6470 00	-1.4480-01	-2.8140 00	9.6090-01	1.2970-02	1.0020-15
75	5.0120 00	1.4660 04	6.7360 04	5.1330 03	1.9610-07	2.0460 00	-3.1570-01	-2.0310 00	9.6960-01	2.3330-02	7.8290-15
77	6.3100 00	1.5200 04	7.2860 04	6.5020 03	2.0180-07	2.7130 00	-4.1130-01	9.2130-02	9.7560-01	3.9440-02	5.2430-14
79	7.9430 00	1.5760 04	7.7940 04	8.4080 03	2.0390-07	3.8060 00	-1.1840-02	1.8810 00	9.8000-01	6.3620-02	3.1530-13
81	1.0000 01	1.6380 04	8.2360 04	1.1140 04	2.0090-07	5.6720 00	3.1360-01	2.9780-01	9.8350-01	1.0120-01	1.9180-12
83	1.2590 01	1.7080 04	8.5990 04	1.4970 04	1.9210-07	3.8480 00	4.4060-02	-2.7380 00	9.8340-01	1.5910-01	1.2090-11
85	1.5450 01	1.7800 04	8.9920 04	1.9640 04	1.7990-07	1.3490 01	-6.8330-01	-2.4450 00	9.8610-01	2.3660-01	6.7050-11
87	1.9950 01	1.8510 04	9.1390 04	2.4780 04	1.6640-07	1.9490 01	1.0370 00	-2.8980-01	9.8720-01	3.3100-01	3.1510-10
89	2.5120 01	1.9210 04	9.3600 04	3.0090 04	1.5280-07	2.6460 01	-2.1390-01	-5.9170-01	9.8550-01	4.3940-01	1.3210-09
91	3.1620 01	1.9980 04	9.5690 04	3.5530 04	1.3920-07	3.4040 01	-2.1750-01	-9.1120-01	9.9020-01	5.6380-01	5.6140-09
93	3.9810 01	2.0790 04	9.7810 04	4.0450 04	1.2750-07	4.0480 01	-1.1380-01	-9.2050-01	9.9190-01	6.8610-01	2.2830-08
95	5.0120 01	2.1520 04	1.0010 05	4.4500 04	1.1890-07	4.4360 01	4.7900-01	-1.0990 00	9.9350-01	7.8750-01	8.4500-08
97	6.3100 01	2.2470 04	1.0290 05	4.7880 04	1.1320-07	4.5720 01	7.1050-01	-9.8460-01	9.9480-01	8.6150-01	2.8540-07
99	7.9430 01	2.3350 04	1.0640 05	5.0900 04	1.0990-07	4.5250 01	6.4330-01	-9.6040-01	9.9590-01	9.1190-01	8.9710-07

TEF# = 10000.0 L2G(G) = 4.00 X = 0.01640 Y = 0.98360									
LAM	= LAM	LAM	= LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.5420-03	1061.56	4.6350 04	2050.00	3.7820 07	3696.18	2.3020 07	4034.83	4.6950 07
546.43	1.6510-02	1086.41	8.6020 04	2127.72	3.7220 07	3697.15	2.3030 07	4078.38	3.8860 07
649.38	1.3740 00	1100.00	1.0400 05	2292.47	3.9500 07	3698.31	2.3000 07	4101.73	1.3700 07
800.11	9.9810 01	1112.26	1.3070 05	2484.88	3.3230 07	3700.50	2.3120 07	4141.06	4.3130 07
911.76	9.1230 02	1135.26	2.2820 05	2600.00	3.1890 07	3702.69	2.2450 07	4217.72	4.4830 07
911.76	9.1100 02	1161.33	3.5430 05	2600.00	3.1890 07	3703.85	2.2380 07	4297.27	4.0180 07
913.07	2.3910 03	1175.00	3.6150 05	2677.27	3.1010 07	3705.25	2.2500 07	4340.46	1.3130 07
915.54	2.8620 03	1181.83	3.3560 05	2837.09	2.9260 07	3707.91	2.2860 07	4422.28	3.9270 07
918.03	3.2250 03	1194.99	2.6150 05	3017.20	2.7820 07	3710.55	2.1910 07	4586.15	3.5870 07
919.35	3.5340 03	1208.45	1.3070 05	3121.75	2.6650 07	3711.97	2.1650 07	4762.63	3.1600 07
919.63	3.3580 03	1215.67	1.0340 05	3121.76	2.6650 07	3713.60	2.2090 07	4861.32	1.0990 07
920.16	3.3900 03	1216.42	1.0390 05	3169.76	2.6170 07	3716.95	2.2790 07	4892.89	2.5900 07
920.69	3.4230 03	1217.83	9.9860 04	3264.93	2.5230 07	3720.21	2.1210 07	4953.86	2.8120 07
920.95	3.4390 03	1219.25	1.0550 05	3365.99	2.4230 07	3721.94	2.0470 07	5016.38	2.7410 07
921.34	3.4570 03	1220.00	1.1170 05	3421.87	2.3740 07	3724.08	2.1690 07	5050.00	2.6930 07
922.06	3.4960 03	1223.41	1.5520 05	3421.87	2.3740 07	3728.14	2.3190 07	5123.58	2.3780 07
922.77	3.5240 03	1229.92	2.6730 05	3458.74	2.3450 07	3732.22	2.0830 07	5269.12	2.3780 07
923.15	3.5400 03	1236.50	4.0410 05	3530.87	2.2820 07	3734.37	1.9150 07	5423.16	2.1790 07
923.68	3.5670 03	1240.00	4.6220 05	3606.08	2.2180 07	3737.09	2.1690 07	5509.11	2.0780 07
924.69	3.5890 03	1249.96	8.2700 05	3647.05	2.1840 07	3742.24	2.4140 07	5605.32	1.9070 07
925.69	3.5990 03	1269.29	2.2280 06	3647.05	2.1000 07	3747.42	2.0490 07	5989.38	1.6060 07
926.22	3.6710 03	1289.23	4.2870 05	3649.67	2.0960 07	3750.15	1.7200 07	6352.76	1.3340 07
927.00	3.7070 03	1300.00	5.4470 06	3654.64	2.1040 07	3753.67	2.1800 07	6562.80	6.2880 06
928.43	3.6940 03	1315.23	7.2480 05	3659.62	2.1310 07	3760.36	2.6090 07	6797.77	1.0900 07
929.96	3.8600 03	1348.15	1.0790 07	3662.26	2.1530 07	3767.08	2.1290 07	7292.74	8.6640 06
930.75	3.9010 03	1381.65	1.4490 07	3665.27	2.1810 07	3770.93	1.5980 07	7865.45	5.8020 06
931.05	3.9190 03	1400.00	1.6480 07	3670.98	2.2350 07	3775.31	2.3110 07	8205.87	5.9340 06
934.26	3.8760 03	1419.35	1.8660 07	3676.71	2.2880 07	3784.22	2.9120 07	8205.87	6.4870 05
936.58	4.1280 03	1457.53	2.2390 07	3679.74	2.3100 07	3793.16	2.2520 07	8662.47	5.4950 06
937.80	4.2650 03	1497.93	2.5820 07	3680.27	2.3120 07	3797.90	1.4860 07	10448.64	3.0990 06
939.84	4.1850 03	1520.00	2.7500 07	3681.28	2.3180 07	3804.32	2.4990 07	12726.36	1.5400 05
943.74	4.3030 03	1545.12	2.9050 07	3682.28	2.3230 07	3816.55	3.3490 07	14380.00	9.9190 05
947.66	4.6540 03	1595.10	3.1910 07	3682.81	2.3260 07	3828.85	2.6390 07	15890.88	7.2430 05
949.74	5.0920 03	1648.41	3.4220 07	3683.50	2.3230 07	3835.38	1.4550 07	19843.04	3.1600 05
953.60	4.9380 03	1678.00	3.5220 07	3684.92	2.3310 07	3844.54	2.8950 07	26411.82	1.0880 05
961.00	5.5280 03	1723.39	3.6400 07	3686.13	2.3340 07	3862.03	3.8890 07	32000.00	5.2090 04
968.52	6.1440 03	1816.53	3.7770 07	3686.93	2.3370 07	3879.67	2.9900 07	34121.04	4.0670 04
972.54	6.9620 03	1920.32	3.8260 07	3687.64	2.3370 07	3889.05	1.4140 07	39024.39	2.4180 04
981.32	7.9550 03	1980.00	3.8170 07	3689.19	2.3410 07	3902.30	3.3770 07	45573.51	1.3220 04
998.42	1.1430 04	1991.74	3.1300 07	3690.73	2.3300 07	3929.14	4.4260 07	50000.00	9.2030 03
1016.12	1.4280 04	2014.39	3.8030 07	3691.55	2.3310 07	3955.84	3.4660 07	54724.75	5.4620 03
1025.72	1.4540 04	2037.56	3.7900 07	3692.52	2.3280 07	3970.07	1.4140 07	66666.67	2.9750 03
1037.82	2.1700 04	2050.00	3.7820 07	3694.35	2.3360 07	3992.20	4.0280 07	85275.25	1.1260 03

TEFE = 10000.0 LOG(G) = 4.50 X = 0.01640 Y = 0.98360											
I	TAJ	TE	PG	PE	RHO	KAPZ	D=(%)	D TE	XH2	XHE	XHE2
1	1.0000-08	7.2850 03	4.9400-02	2.8940-03	2.9500-13	6.5020-03	1.7640-02	-3.5490 02	9.9520-01	2.0480-05	2.4530-31
3	1.0000-07	7.3370 03	4.9160-01	2.7890-02	2.9210-12	6.3840-03	1.7640-02	-3.3980 02	9.6200-01	2.8650-06	6.7470-33
5	1.0000-06	7.6010 03	5.2310 00	2.6670-01	3.0180-11	6.4200-03	1.7650-02	-1.7680 02	8.5920-01	1.2610-06	6.7070-33
7	1.0000-05	7.7550 03	4.6670 01	1.6900 00	2.6820-10	7.3160-03	1.7620-02	-1.5410 01	6.0100-01	4.2980-07	1.8710-33
9	1.0000-04	7.6880 03	4.1430 02	6.3660 00	2.4520-09	7.6230-03	-4.2280-01	-5.3060 00	2.4950-01	8.3070-08	4.8710-35
11	1.0000-03	7.6520 03	3.9020 03	2.0540 01	2.3440-08	9.0740-03	4.6590-01	-4.8370 00	8.4630-02	2.1360-08	2.6070-36
13	1.3590-03	7.6900 03	5.0840 03	2.4920 01	3.0400-08	1.0170-02	-3.3440 00	-6.5440 00	7.8800-02	2.1480-08	3.3050-36
15	1.8480-03	7.7480 03	6.4960 03	3.0750 01	3.8560-08	1.1790-02	-2.5660 00	-6.4470 00	7.6070-02	2.3400-08	5.4880-36
17	2.5120-03	7.9250 03	8.1370 03	3.9220 01	4.7860-09	1.3950-02	-9.7680-01	-6.5640 00	7.5470-02	2.6970-08	1.0960-35
19	3.4150-03	7.9050 03	9.9910 03	4.7850 01	5.8130-08	1.6830-02	-1.3760 00	-6.2880 00	7.6960-02	3.2870-08	2.6300-35
21	4.6420-03	8.0020 03	1.2060 04	6.0070 01	6.9280-08	2.0560-02	-1.3800 00	-5.4450 00	8.0090-02	4.1680-08	7.1080-35
23	6.3100-03	8.0990 03	1.4360 04	7.4760 01	8.1540-08	2.5020-02	-2.3900 00	-4.2670 00	8.3680-02	5.2920-08	1.9410-34
25	9.5770-03	8.1980 03	1.6960 04	9.2650 01	9.5030-08	3.0420-02	-2.3790 00	-2.8610 00	8.7850-02	6.7590-08	5.3260-34
27	1.1660-02	8.3000 03	1.9870 04	1.1430 02	1.1000-07	3.6940-02	-1.1060 00	-2.0440 00	9.2540-02	8.6620-08	1.4680-33
29	1.5950-02	8.3590 03	2.3130 04	1.3960 02	1.2650-07	4.4440-02	1.7350-01	-8.0390-01	9.7120-02	1.0950-07	3.8330-33
31	2.1340-02	8.4990 03	2.6820 04	1.6980 02	1.4430-07	5.3310-02	5.9940-01	-1.0150 00	1.0190-01	1.3790-07	9.8520-33
33	2.9290-02	8.6130 03	3.0930 04	2.0890 02	1.6490-07	6.5130-02	6.5350-01	-1.4400 00	1.0870-01	1.8100-07	2.9160-32
35	3.9810-02	8.7350 03	3.5520 04	2.5760 02	1.8650-07	8.0040-02	3.4080-01	-1.9880 00	1.1690-01	2.4140-07	9.0810-32
37	5.4120-02	8.8810 03	4.0530 04	3.2370 02	2.0920-07	1.0120-01	1.4140-02	-2.2870 00	1.2870-01	3.4270-07	3.5110-31
39	7.3560-02	9.0430 03	4.5880 04	4.0930 02	2.3240-07	1.2990-01	2.4400-01	-1.9940 00	1.4400-01	5.0470-07	1.5340-30
41	1.0000-01	9.2150 03	5.1510 04	5.1670 02	2.5570-07	1.6720-01	8.3200-01	-2.1180 00	1.6200-01	7.5470-07	6.9980-30
43	1.2390-01	9.3530 03	5.5940 04	6.1590 02	2.7340-07	2.0310-01	1.3290 00	-3.3040 00	1.7800-01	1.0360-06	2.2950-29
45	1.5850-01	9.5040 03	6.0510 04	7.3820 02	2.9060-07	2.4920-01	1.3650 00	-5.0450 00	1.9750-01	1.4630-06	8.2470-29
47	1.9950-01	9.6850 03	6.5140 04	8.9920 02	3.0650-07	3.1370-01	9.2880-01	-6.8010 00	2.2380-01	2.2010-06	3.6720-29
49	2.5120-01	9.8960 03	6.9710 04	1.1110 03	3.2030-07	4.0420-01	4.5560-01	-7.8250 00	2.5890-01	3.5330-06	2.0330-27
51	3.1620-01	1.0140 04	7.4140 04	1.3870 03	3.3150-07	5.3070-01	-1.3510-01	-7.4920 00	3.0480-01	6.0650-06	1.4020-26
53	3.9310-01	1.0420 04	7.8380 04	1.7380 03	3.3980-07	7.0150-01	-3.4420-01	-5.8710 00	3.6250-01	1.1020-05	1.1590-25
55	5.2120-01	1.0720 04	8.2430 04	2.1550 03	3.4610-07	9.1330-01	-1.1280-01	-4.4040 00	4.2900-01	2.0500-05	1.0140-24
57	6.3100-01	1.1030 04	8.6460 04	2.6230 03	3.5510-07	1.4230 00	5.4730-01	-4.8620 00	4.9990-01	3.8030-05	8.5930-24
59	7.9430-01	1.1360 04	9.0460 04	3.1510 03	3.5510-07	1.4230 00	5.4730-01	-4.8620 00	5.7610-01	7.2410-05	7.7720-23
61	1.0000 00	1.1720 04	9.4630 04	3.7320 03	3.5840-07	1.7020 00	9.4310-02	-5.5970 00	6.5450-01	1.4220-04	7.5970-22
63	1.2390 00	1.2100 04	9.9100 04	4.3460 03	3.6190-07	1.9630 00	-2.9110-01	-4.7880 00	7.2920-01	5.5120-04	6.8910-20
65	1.5850 00	1.2480 04	1.0410 05	4.9550 03	3.6710-07	2.1750 00	-9.0910-02	-3.2940 00	7.9120-01	5.5120-04	6.8910-20
67	1.9950 00	1.2870 04	1.1660 05	5.5750 03	3.7440-07	2.3470 00	1.5990-01	-2.5130 00	8.3950-01	1.0520-03	5.7800-19
69	2.5120 00	1.3270 04	1.1660 05	6.2570 03	3.8410-07	2.5030 00	6.5950-02	-2.4440 00	8.7750-01	1.9880-03	4.6950-18
71	3.1620 00	1.3710 04	1.2450 05	7.0770 03	3.9590-07	2.6850 00	6.8770-02	-2.5980 00	9.0770-01	3.7650-03	3.8620-17
73	3.9310 00	1.4170 04	1.3370 05	8.1200 03	4.0950-07	2.9500 00	1.7980-01	-2.8690 00	9.3010-01	6.9690-03	3.0100-16
75	5.0120 00	1.4660 04	1.4390 05	9.5490 03	4.2360-07	3.3820 00	5.3630-01	-3.9440 00	9.4680-01	1.2660-02	2.2770-15
77	6.3100 00	1.5180 04	1.5500 05	1.1540 04	4.3680-07	4.0990 00	1.2040-01	-5.2490 00	9.5810-01	2.1930-02	1.5380-14
79	7.9430 00	1.5730 04	1.6590 05	1.4370 04	4.4450-07	5.2990 00	-2.3650-01	-4.0640 00	9.46620-01	3.6690-02	7.7720-14
81	1.0000 01	1.6360 04	1.7630 05	1.8500 04	4.4620-07	7.3010 00	-7.1700-01	-1.7030 00	9.7230-01	6.0230-02	6.1240-13
83	1.2390 01	1.7000 04	1.8540 05	2.4330 04	4.3790-07	1.0790 00	-2.7020-01	-3.4040-01	9.7610-01	9.5960-02	3.6970-12
85	1.5850 01	1.7690 04	1.9330 05	3.1880 04	4.2170-07	1.6030 01	7.2940-02	-1.2370-01	9.7740-01	1.4550-01	1.9930-11
87	1.9950 01	1.8390 04	1.9970 05	4.1160 04	3.9830-07	2.3620 01	3.9330-01	-2.1740 00	9.7920-01	2.1170-01	9.7170-11
89	2.5120 01	1.9120 04	2.0540 05	5.2060 04	3.7060-07	3.4000 01	-2.1020-01	-3.0050 00	9.8140-01	2.9670-01	4.3960-10
91	3.1620 01	1.9920 04	2.1070 05	6.4570 04	3.3910-07	4.7550 01	-1.7390-01	-2.5960 00	9.8400-01	4.0570-01	2.0090-09
93	3.9310 01	2.0770 04	2.1540 05	7.7400 04	3.0700-07	5.2610 01	-3.2540-01	-2.5380 00	9.8680-01	5.3260-01	9.0060-09
95	5.0120 01	2.1650 04	2.2010 05	8.8940 04	2.7990-07	7.5590 01	3.2230-01	-2.9970 00	9.8950-01	6.5760-01	3.6880-08
97	6.3100 01	2.2530 04	2.2510 05	9.8430 04	2.5990-07	8.3830 01	7.4340-01	-3.4800 00	9.9170-01	7.6260-01	1.3370-07
99	7.9430 01	2.3410 04	2.3110 05	1.0620 05	2.4650-07	8.7280 01	2.2490-01	-3.31860 00	9.9350-01	8.4060-01	4.3130-07

TFF = 10000.0 LOG(3) = 4.50 X = 0.01640 Y = 0.98360									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.20	1.5930D-03	1061.56	3.9330 04	2050.00	3.8930 07	3696.18	2.3740 07	4034.83	4.4920 07
546.43	1.8500E-02	1085.41	9.7190 04	2127.72	3.9440 07	3697.15	2.3760 07	4078.38	3.5840 07
649.38	1.5610 00	1100.00	1.1500 05	2292.47	3.6810 07	3698.31	2.3760 07	4101.73	1.3180 07
800.11	1.0750 02	1112.26	1.1840 05	2484.88	3.4530 07	3700.50	2.3820 07	4141.06	4.0920 07
911.76	9.1390 02	1136.26	1.7620 05	2600.00	3.3140 07	3702.69	2.3490 07	4217.72	4.4340 07
911.76	9.1160 00	1151.33	2.5230 05	2600.00	3.3140 07	3703.85	2.3470 07	4297.27	3.8630 07
913.07	2.3210 03	1175.00	2.7340 05	2677.27	3.2220 07	3705.23	2.3520 07	4340.46	1.2680 07
915.54	2.6890 03	1181.83	2.7710 05	2837.09	3.0370 07	3707.91	2.3690 07	4422.28	3.8970 07
918.03	2.9510 03	1194.99	2.2350 05	3317.20	2.8950 07	3710.50	2.3140 07	4586.15	3.6030 07
919.35	3.0450 03	1208.45	1.1180 05	3121.75	2.7730 07	3711.97	2.3000 07	4762.63	3.1420 07
919.63	3.0620 03	1215.57	9.4640 04	3121.76	2.7730 07	3713.69	2.3210 07	4861.32	1.0670 07
920.16	3.0910 03	1216.42	9.5160 04	3169.76	2.7190 07	3716.95	2.3540 07	4892.89	2.4640 07
920.68	3.1220 03	1217.83	8.8880 04	3264.93	2.6290 07	3720.21	2.2560 07	4953.86	2.7980 07
921.34	3.1350 03	1219.25	9.1940 04	3365.99	2.5190 07	3721.94	2.2130 07	5016.38	2.7510 07
921.76	3.1500 03	1220.00	9.6490 04	3421.87	2.4640 07	3724.08	2.2810 07	5050.00	2.7070 07
922.00	3.1660 03	1223.41	1.3310 05	3421.87	2.4640 07	3728.14	2.3590 07	5123.58	2.6010 07
922.77	3.2120 03	1229.92	2.2630 05	3458.74	2.4250 07	3732.22	2.2010 07	5269.12	2.3980 07
923.15	3.2270 03	1236.50	3.4230 05	3530.87	2.3690 07	3734.37	2.0950 07	5423.16	2.1970 07
923.63	3.2490 03	1240.00	4.1080 05	3606.06	2.2920 07	3737.09	2.2530 07	5508.11	2.0960 07
924.09	3.2590 03	1249.96	5.8030 05	3647.05	2.2550 07	3742.24	2.3940 07	5665.32	1.9230 07
925.69	3.3140 03	1269.29	1.2750 06	3647.05	2.1740 07	3747.42	2.1210 07	5989.38	1.6210 07
926.22	3.3350 03	1289.23	2.5420 05	3649.67	2.1700 07	3750.15	1.8830 07	6352.76	1.3420 07
927.00	3.3690 03	1300.00	3.4080 06	3654.64	2.1720 07	3753.67	2.2190 07	6562.80	6.1330 06
928.48	3.4300 03	1315.23	4.8240 06	3659.62	2.1830 07	3760.36	2.5130 07	6797.77	1.0890 07
929.96	3.5000 03	1348.15	7.9570 06	3662.26	2.2020 07	3767.08	2.1320 07	7292.74	8.7520 06
930.75	3.5340 03	1381.65	1.1490 07	3665.27	2.2200 07	3770.93	1.7070 07	7865.45	6.8740 06
931.06	3.5390 03	1400.00	1.3450 07	3670.98	2.2610 07	3775.31	2.2830 07	8205.87	5.9980 06
934.26	3.6420 03	1419.35	1.5480 07	3676.71	2.3020 07	3784.22	2.7320 07	8205.87	6.5130 06
936.58	3.7010 03	1457.53	1.9410 07	3679.74	2.3220 07	3793.16	2.1810 07	8862.47	5.5190 06
937.80	3.8400 03	1497.83	2.3260 07	3680.27	2.3260 07	3797.90	1.5200 07	10448.64	3.1190 06
939.84	3.7060 03	1520.00	2.5180 07	3681.28	2.3320 07	3804.32	2.3920 07	12726.36	1.5530 06
943.14	3.7560 03	1545.12	2.7120 07	3682.28	2.3380 07	3816.55	3.0850 07	14380.00	1.0010 06
947.66	4.1080 03	1595.10	3.0270 07	3682.81	2.3410 07	3828.85	2.3940 07	15890.88	7.3000 05
949.74	4.5880 03	1648.41	3.3290 07	3683.50	2.3450 07	3835.38	1.4460 07	19843.04	3.1840 05
953.60	4.2930 03	1678.00	3.4560 07	3684.82	2.3530 07	3844.54	2.6950 07	26411.82	1.0960 05
961.00	4.7440 03	1723.39	3.6100 07	3686.13	2.3580 07	3862.03	3.5620 07	32000.00	5.2430 04
969.52	5.2760 03	1816.53	3.8060 07	3686.83	2.3620 07	3879.67	2.6690 07	34121.04	4.0930 04
972.64	6.2490 03	1920.32	3.9020 07	3687.04	2.3650 07	3889.05	1.3770 07	39024.39	2.4330 04
981.32	6.7180 03	1980.00	3.9120 07	3689.19	2.3720 07	3902.80	3.0880 07	45573.51	1.3300 04
998.42	9.3390 03	1991.74	3.9110 07	3690.73	2.3720 07	3929.14	4.1090 07	50000.00	9.2550 03
1016.12	1.2190 04	2014.39	3.9070 07	3691.55	2.3760 07	3955.84	3.1640 07	59524.75	6.4960 03
1025.72	1.3190 04	2037.56	3.8990 07	3692.52	2.3770 07	3970.07	1.3640 07	66666.67	2.9880 03
1037.82	1.8670 04	2050.00	3.8930 07	3694.35	2.3850 07	3992.20	3.7060 07	85275.25	1.1290 03

I	TAJ	TE	PG	PE	RHO	KAPZ	D= (%)	D TE	XH2	XHE2	XHE3
1	1.0000-06	7.1420 03	5.5640-05	1.5930-05	1.8870-16	5.6980-02	-1.7270-01	-3.5840 02	1.0000 00	1.6170-03	5.9230-29
3	1.0000-07	6.8470 03	5.5480-04	1.5850-04	1.9640-15	5.6790-02	-1.7270-01	3.1870 02	9.9880-01	2.6230-05	1.9310-32
5	1.0000-06	7.2080 03	5.5570-03	1.5950-03	1.8720-14	5.6720-02	-1.7270-01	-3.9160 02	9.9660-01	2.3990-05	2.0280-31
7	1.0000-05	7.4460 03	5.6020-02	1.5840-02	1.9310-13	5.6490-02	-1.7270-01	-1.4230 02	9.8450-01	9.2290-06	1.9330-31
9	1.0000-04	7.7270 03	5.5560-01	1.5190-01	1.7730-12	5.7560-02	-1.7250-01	7.9620-01	9.4000-01	4.2590-06	1.6120-31
11	1.0000-03	7.8060 03	5.5150-00	1.1550 00	1.7390-11	5.4350-02	-2.1370-01	-5.0500-01	7.2160-01	8.3170-07	9.6330-33
13	1.3590-03	7.8110 03	6.8830 00	1.4640 00	2.3540-11	6.8040-02	-3.1380-01	-4.2570-01	6.7500-01	6.7340-07	6.5020-33
15	1.8480-03	7.8180 03	9.1650 00	1.9410 00	3.1790-11	6.8070-02	-4.0890-01	-3.4830-01	6.2900-01	5.5610-07	4.6260-33
17	2.5120-03	7.8290 03	1.2160 01	2.3000 00	4.2750-11	7.0590-02	-3.4830-01	-2.7550-01	5.8260-01	4.7060-07	3.5310-33
19	3.4150-03	7.8470 03	1.6070 01	2.8610 00	5.7120-11	7.3860-02	-2.7400-01	-2.0550-01	5.4110-01	4.1220-07	2.9850-33
21	4.6420-03	7.8730 03	2.1100 01	3.5550 00	7.5620-11	7.8370-02	-2.4190-01	-1.4240-01	5.0610-01	3.7850-07	2.9230-33
23	6.3100-03	7.9130 03	2.7480 01	4.4270 00	9.8840-11	8.4000-02	-2.0880-01	-8.9350-02	4.7980-01	3.6960-07	3.4800-33
25	8.5770-03	7.9710 03	3.5360 01	5.5400 00	1.2690-10	9.4090-02	-1.9090-01	-3.7430-02	4.6410-01	3.8980-07	5.3000-33
27	1.1560-02	8.0470 03	4.4860 01	6.9730 00	1.5940-10	1.0720-01	-1.7150-01	1.2380-02	4.5970-01	4.4590-07	1.0480-32
29	1.5850-02	8.1420 03	5.6030 01	8.8070 00	1.9680-10	1.2510-01	-6.0400-02	6.6670-02	4.6590-01	5.5010-07	2.6380-32
31	2.1540-02	8.2540 03	6.8850 01	1.1120 01	2.3730-10	1.4950-01	-3.2840-02	1.2590-01	4.8120-01	7.2230-07	8.0590-32
33	2.9290-02	8.3760 03	8.3380 01	1.3980 01	2.8110-10	1.7770-01	-1.2250-01	1.6690-01	5.0310-01	9.8780-07	2.7810-31
35	3.9810-02	8.5110 03	9.9860 01	1.7510 01	3.2830-10	2.1410-01	6.7360-02	1.7790-01	5.3130-01	1.4080-06	1.0880-30
37	5.4120-02	8.6620 03	1.1810 02	2.1860 01	3.7710-10	2.5900-01	4.1380-01	1.7520-01	5.6740-01	2.1150-06	4.9850-30
39	7.3560-02	8.8330 03	1.3850 02	2.7220 01	4.2730-10	3.1410-01	5.5040-01	1.2750-01	6.1140-01	3.3720-06	2.7460-29
41	1.0000-01	9.0260 03	1.6110 02	3.3770 01	4.7880-10	3.7980-01	6.1020-01	1.4450-01	6.6240-01	5.7290-06	1.8340-28
43	1.2590-01	9.1930 03	1.8000 02	3.9660 01	5.1730-10	4.3640-01	4.3920-01	1.7730-01	7.0610-01	9.0680-06	9.2200-28
45	1.5850-01	9.3780 03	2.0060 02	4.5410 01	5.5790-10	4.9700-01	3.3870-01	3.9010-01	7.5200-01	1.5050-05	5.3510-27
47	1.9950-01	9.5880 03	2.2350 02	5.4130 01	5.9930-10	5.5930-01	3.0220-01	4.9070-01	7.9850-01	2.6470-05	3.7010-26
49	2.5120-01	9.8090 03	2.4910 02	6.2680 01	6.4470-10	6.1870-01	2.6250-01	5.2490-01	8.4010-01	4.7380-05	2.6790-25
51	3.1620-01	1.0050 04	2.7840 02	7.2300 01	6.9590-10	6.7450-01	2.4390-01	5.8350-01	8.7640-01	8.7040-05	2.0900-24
53	3.9810-01	1.0290 04	3.1240 02	8.3080 01	7.5580-10	7.2580-01	4.4150-01	3.2740-01	9.0490-01	1.5900-04	1.5930-23
55	5.0120-01	1.0570 04	3.5240 02	9.5590 01	8.2430-10	7.7270-01	6.3120-01	3.6300-02	9.2950-01	3.0510-04	1.4160-22
57	6.3100-01	1.0870 04	4.0000 02	1.1710 02	9.3490-10	8.5690-01	6.3730-01	-1.0900-01	9.4840-01	5.9340-04	1.3110-21
59	7.9430-01	1.1200 04	4.5710 02	1.2740 02	9.9900-10	8.5690-01	3.7480-01	-1.0900-01	9.6330-01	1.1960-03	1.3610-20
61	1.0000 00	1.1540 04	5.2590 02	1.4790 02	1.1110-09	9.9910-01	1.5840-02	9.0740-02	9.7380-01	2.3860-03	1.3700-19
63	1.2590 00	1.1900 04	6.0850 02	1.7240 02	1.2430-09	9.4750-01	-1.1320-01	9.1730-01	9.8100-01	4.6190-03	1.2640-18
65	1.5850 00	1.2270 04	7.0740 02	2.0210 02	1.3970-09	1.0040 00	1.2340-01	8.8630-01	9.8610-01	8.7440-03	1.0950-17
67	1.9950 00	1.2660 04	8.2410 02	2.3790 02	1.5710-09	1.0730 00	2.9820-01	6.0710-01	9.8950-01	1.6210-02	8.9790-17
69	2.5120 00	1.3080 04	9.6130 02	2.8200 02	1.7620-09	1.1580 00	-1.4250-01	-6.9520-01	9.9170-01	3.0220-02	7.6310-16
71	3.1620 00	1.3550 04	1.1200 03	3.3790 02	1.9570-09	1.2760 00	-7.1420-01	-1.3350 00	9.9350-01	5.7450-02	7.1590-15
73	3.9810 00	1.4030 04	1.2980 03	4.0840 02	2.1500-09	1.4510 00	-4.8000-01	3.5390-01	9.9490-01	1.0150-01	5.6130-14
75	5.0120 00	1.4520 04	1.4910 03	4.9570 02	2.3270-09	1.6980 00	3.0240-01	1.3670 00	9.9590-01	1.6570-01	3.6490-13
77	6.3100 00	1.5040 04	1.6940 03	6.0460 02	2.4580-09	2.6410 00	3.1070-02	5.2780-01	9.9670-01	2.6010-01	2.3170-12
79	7.9430 00	1.5630 04	1.9020 03	7.3920 02	2.5230-09	2.4990 00	-2.6300-02	-6.4230-02	9.9750-01	3.9470-01	1.5660-11
81	1.0000 01	1.6240 04	2.1140 03	8.8860 02	2.5590-09	2.9980 00	-2.0700-01	-3.4060-01	9.9810-01	5.4330-01	9.0710-11
83	1.2590 01	1.6900 04	2.3380 03	1.0470 03	2.5930-09	3.4530 00	4.3630-01	5.7260-01	9.9850-01	6.8570-01	4.7990-10
85	1.5850 01	1.7550 04	2.5890 03	1.2070 03	2.6760-09	3.7800 00	3.9590-01	1.7350 00	9.9860-01	7.9120-01	2.1350-09
87	1.9950 01	1.8210 04	2.8820 03	1.3800 03	2.8000-09	4.0150 00	3.7960-01	2.3600-01	9.9870-01	8.6420-01	8.1770-09
89	2.5120 01	1.8900 04	3.2350 03	1.5740 03	2.9810-09	4.1860 00	6.5260-02	-1.8620-01	9.9890-01	9.1410-01	2.9770-08
91	3.1620 01	1.9650 04	3.6660 04	1.8030 03	3.2160-09	4.3140 00	1.4340-02	-5.0030-01	9.9890-01	9.9870-01	8.6420-01
93	3.9810 01	2.0450 04	4.1940 03	2.0760 03	3.5160-09	4.4330 00	-6.1500-02	8.7570-01	9.9900-01	9.6720-01	3.6190-07
95	5.0120 01	2.1250 04	4.8440 03	2.4060 03	3.8920-09	4.5800 00	-2.4980-01	2.6980-02	9.9910-01	9.7910-01	1.1190-06
97	6.3100 01	2.2100 04	5.6380 03	2.8070 03	4.3460-09	4.7430 00	-9.6160-02	3.7890-01	9.9920-01	9.8660-01	3.3480-06
99	7.9430 01	2.3000 04	6.6020 03	3.2920 03	4.8260-09	4.9260 00	-1.3700-01	3.7670-01	9.9920-01	9.9130-01	9.6890-06

$$T_{\text{eff}} = 10000.0 \quad \log(g) = 2.50 \quad X = 0.14300 \quad Y = 0.85700$$



Time = 10000.0 LUG(G) = 2.50 X = 0.14300 Y = 0.85700

	F	LAM	F	LAM	F	LAM	F	LAM	F	LAM	F	LAM	F	LAM	F	LAM	F	LAM
504.26	7.7590	04	1061.56	9.8150	04	2050.00	3.5660	07	3696.18	1.9130	07	4034.83	4.8030	07				
546.43	8.8520	03	1085.41	4.0360	05	2127.72	3.4650	07	3697.15	1.9240	07	4078.38	4.5190	07				
549.33	8.2610	01	1100.00	7.2470	05	2292.47	3.2550	07	3698.31	1.9550	07	4101.73	1.5660	07				
800.11	6.4170	01	1112.26	1.1470	06	2484.84	3.0210	07	3700.50	2.1580	07	4141.06	4.4790	07				
911.76	5.8350	02	1135.26	2.4130	06	2600.00	2.8930	07	3702.69	1.8850	07	4217.72	4.3130	07				
911.76	5.8350	02	1161.33	4.0070	06	2600.00	2.8930	07	3703.85	1.8510	07	4297.27	4.0580	07				
913.07	2.3620	03	1175.00	4.4490	06	2677.27	2.8110	07	3705.25	1.9610	07	4340.46	1.4840	07				
913.54	2.8370	03	1181.83	4.2950	06	2937.09	2.5500	07	3707.91	2.2800	07	4422.28	3.7710	07				
913.03	3.1990	03	1194.99	2.3120	06	3017.20	2.5000	07	3710.56	1.9140	07	4586.15	3.4030	07				
919.35	3.3400	03	1208.45	2.1830	05	3121.75	2.4050	07	3711.97	1.7910	07	4762.63	3.0440	07				
919.63	3.3650	03	1215.57	1.1920	05	3121.76	2.4050	07	3713.59	2.0220	07	4861.32	1.2130	07				
920.16	3.4030	03	1216.42	1.1990	05	3169.76	2.3630	07	3716.95	2.4710	07	4892.89	2.7590	07				
920.68	3.4640	03	1217.83	1.3040	05	3264.93	2.2840	07	3720.21	1.9600	07	4953.86	2.7130	07				
920.96	3.4890	03	1219.25	1.5270	05	3365.99	2.2030	07	3721.94	1.7040	07	5016.38	2.6190	07				
921.34	3.5180	03	1220.00	1.6430	05	3421.87	2.1590	07	3724.08	2.1020	07	5050.00	2.5690	07				
922.06	3.5630	03	1223.41	2.6290	05	3421.97	2.1600	07	3728.14	2.7510	07	5123.59	2.4620	07				
922.77	3.6270	03	1229.92	1.1150	06	3458.74	2.1310	07	3732.22	2.1100	07	5269.12	2.2650	07				
923.15	3.6580	03	1235.50	3.7640	06	3530.87	2.0770	07	3734.37	1.6720	07	5423.16	2.0770	07				
923.68	3.7000	03	1240.00	5.3940	06	3606.08	2.0220	07	3737.09	2.3040	07	5508.11	1.9820	07				
924.69	3.7430	03	1249.96	9.4520	06	3647.05	1.9930	07	3742.24	3.1260	07	5665.32	1.8200	07				
925.69	3.9470	03	1269.29	1.4720	07	3647.05	1.9130	07	3747.42	2.2970	07	5989.38	1.5360	07				
926.22	3.8860	03	1289.23	1.8420	07	3649.67	1.9120	07	3750.15	1.6330	07	6352.76	1.2820	07				
927.00	3.7430	03	1300.00	2.0040	07	3654.64	1.9620	07	3753.67	2.5620	07	6562.80	6.7340	06				
928.48	4.0850	03	1316.23	2.2180	07	3659.62	2.0760	07	3760.36	3.5930	07	6797.77	1.0380	07				
929.96	4.1530	03	1348.15	2.5740	07	3662.26	2.1440	07	3767.08	2.6490	07	7292.74	8.3200	06				
930.75	4.2090	03	1351.65	2.9830	07	3665.27	2.2110	07	3770.63	1.6400	07	7865.45	6.5410	06				
931.96	4.3170	03	1400.00	3.0280	07	3670.98	2.2620	07	3775.31	3.0110	07	8205.87	5.7090	06				
934.26	4.5640	03	1419.35	3.1500	07	3676.71	2.1980	07	3784.22	4.1090	07	8205.87	6.2720	06				
936.58	4.6850	03	1457.53	3.3770	07	3679.74	2.1430	07	3793.16	3.0450	07	8862.47	5.3140	06				
937.80	4.7540	03	1497.83	3.5590	07	3680.27	2.1270	07	3797.90	1.6290	07	10448.64	3.0000	06				
939.84	5.0170	03	1520.00	3.6390	07	3681.28	2.1130	07	3804.32	3.5010	07	12726.36	1.4920	06				
943.74	5.4640	03	1545.12	3.7070	07	3682.28	2.0890	07	3816.55	4.5900	07	14380.00	9.6160	05				
947.60	5.7230	03	1595.10	3.8020	07	3682.81	2.0890	07	3828.85	3.6290	07	15890.88	7.0320	05				
949.74	5.7370	03	1648.41	3.8570	07	3683.50	2.0770	07	3835.38	1.6530	07	19843.04	3.0750	05				
953.60	6.4970	03	1679.00	3.8690	07	3684.92	2.0820	07	3844.54	4.1350	07	26411.82	1.0620	05				
951.00	7.5730	03	1723.39	3.8670	07	3686.13	2.0310	07	3852.03	4.9210	07	32000.00	5.0880	04				
958.52	8.5520	03	1815.53	3.8160	07	3686.93	2.0370	07	3879.67	4.1250	07	34121.04	3.9750	04				
972.54	8.1330	03	1920.32	3.7230	07	3687.64	2.0290	07	3889.05	1.6360	07	39024.39	2.3670	04				
981.32	1.1490	04	1980.00	3.6530	07	3689.19	2.0710	07	3902.80	4.5590	07	45573.51	1.2970	04				
998.42	3.5180	04	1991.74	3.6390	07	3690.73	1.9650	07	3929.14	5.0050	07	50000.00	9.0430	03				
1016.12	2.7200	04	2014.39	3.6110	07	3691.55	1.9750	07	3955.84	4.5490	07	54724.75	6.3600	03				
1025.72	1.6550	04	2037.56	3.5820	07	3692.52	1.9710	07	3970.07	1.6430	07	66666.67	2.9390	03				
1037.82	3.2150	04	2050.00	3.5660	07	3694.35	2.0970	07	3992.20	4.7440	07	85275.25	1.1190	03				

TTEE = 10000.0										LOG(G) =		3.00		X =		0.14300		Y =		0.85700	
I	TAJ	TE	PG	PE	RHO	KAPZ	C=(%)	D	TE	XH2	XHE2										
1	1.0000-08	7.2160 C3	1.7770-04	5.0840-05	5.9660-16	5.6910-02	-1.5830-01	-3.0090 C2	9.9990-01	9.9990-01	7.8490-04										
3	1.0000-07	7.2190 C3	1.7590-03	5.0260-04	5.9150-15	5.6810-02	-1.5830-01	-2.7810 C2	9.9890-01	9.9890-01	7.6290-05										
5	1.0000-06	7.2390 C3	1.7620-02	5.0030-03	5.9030-14	5.6490-02	-1.5830-01	-2.2620 C2	9.9620-01	9.9620-01	9.0820-06										
7	1.0000-05	7.5930 C3	1.7780-01	4.9720-02	5.7240-13	5.6620-02	-1.5830-01	-1.3560 C2	9.9060-01	9.9060-01	6.4870-06										
9	1.0000-04	7.8260 C3	1.7820 C0	4.4740-01	5.5280-12	6.0570-02	-1.5810-01	-5.9160 C0	9.7650-01	9.7650-01	2.3760-06										
11	1.0000-03	7.8300 C3	1.5200 C1	2.6540 C0	5.4550-11	7.0120-02	-1.9960-01	-4.8420 C0	5.2850-01	5.2850-01	3.5790-07										
13	1.3390-03	7.8090 C3	2.0240 C1	3.2540 C0	7.3830-11	7.2000-02	-2.0950-01	-4.4540 C0	4.3780-01	4.3780-01	2.9410-07										
15	1.9490-03	7.8110 C3	2.6870 C1	3.9760 C0	9.9460-10	7.4490-02	-1.7250-01	-4.2270 C0	4.3340-01	4.3340-01	2.4880-07										
17	2.5120-03	7.8260 C3	3.5550 C1	4.8600 C0	1.3310-10	7.8020-02	-1.4300-01	-3.8900 C0	3.9560-01	3.9560-01	2.1920-07										
19	3.4150-03	7.8530 C3	4.5690 C1	5.9580 C0	1.7600-10	8.3280-02	-1.3100-01	-3.4520 C0	3.6550-01	3.6550-01	2.0380-07										
21	4.6420-03	7.9340 C3	6.0690 C1	7.3570 C0	2.2920-10	9.1170-02	-2.2350-01	-3.1180 C0	3.4460-01	3.4460-01	2.0280-07										
23	6.3100-03	7.9940 C3	7.7840 C1	9.1580 C0	2.9300-10	1.0270-01	-2.1370-01	-2.6610 C0	3.3310-01	3.3310-01	2.1730-07										
25	8.5770-03	8.0300 C3	9.8180 C1	1.1470 C1	3.6640-10	1.1870-01	-2.0010-01	-1.9520 C0	3.3040-01	3.3040-01	2.5000-07										
27	1.1560-02	8.1200 C3	1.2180 C2	1.4390 C1	4.4890-10	1.4000-01	-2.2850-01	-1.2110 C0	3.3460-01	3.3460-01	3.0380-07										
29	1.9450-02	8.2200 C3	1.4890 C2	1.8020 C1	5.4010-10	1.6700-01	-1.6520-01	-5.0320-01	3.4390-01	3.4390-01	3.8320-07										
31	2.1540-02	8.3390 C3	1.7940 C2	2.2490 C1	6.3920-10	2.0110-01	-1.6320-02	1.0380-02	3.5810-01	3.5810-01	4.9970-07										
33	2.9290-02	8.4490 C3	2.1370 C2	2.8050 C1	7.4550-10	2.4400-01	-9.2710-02	2.7510-01	3.7740-01	3.7740-01	6.7410-07										
35	3.2910-02	8.5920 C3	2.5190 C2	3.5000 C2	8.5710-10	2.9930-01	-2.4770-01	3.4710-01	4.0340-01	4.0340-01	9.5120-07										
37	5.4120-02	8.7350 C3	2.9380 C2	4.3830 C1	9.7100-10	3.7160-01	2.8270-02	3.7130-01	4.3800-01	4.3800-01	1.4230-06										
39	7.3360-02	8.9100 C3	3.3940 C2	5.4900 C1	1.0840-09	4.6500-01	5.7330-01	3.7250-01	4.8200-01	4.8200-01	2.2610-06										
41	1.0000-01	9.0980 C3	3.8870 C2	6.9280 C1	1.1950-09	5.7810-01	1.0990 C0	-1.8160-02	5.3230-01	5.3230-01	3.7190-06										
43	1.2390-01	9.2570 C3	4.2870 C2	8.0330 C1	1.2770-09	6.8020-01	8.1820-01	-4.3610-01	5.7620-01	5.7620-01	5.6470-06										
45	1.5350-01	9.4310 C3	4.7140 C2	9.4280 C1	1.3570-09	7.9590-01	4.6560-01	-7.2030-01	6.2460-01	6.2460-01	8.9150-06										
47	1.9950-01	9.6330 C3	5.1730 C2	1.1060 C2	1.4320-09	9.2730-01	1.5420-01	-9.8340-01	6.7960-01	6.7960-01	1.5080-05										
49	2.5120-01	9.8590 C3	5.6720 C2	1.2920 C2	1.5070-09	1.0650 C0	-1.2250-01	-6.5490-01	7.3690-01	7.3690-01	2.6980-05										
51	3.9100-01	1.0110 C4	6.2230 C2	1.4980 C2	1.5860-09	1.1980 C0	-1.5030-01	8.11080-02	7.9180-01	7.9180-01	5.0320-05										
53	3.9910-01	1.0370 C4	6.8420 C2	1.7220 C2	1.6750-09	1.3180 C0	1.5950-01	5.9570-01	8.4030-01	8.4030-01	9.6410-05										
55	5.0120-01	1.0650 C4	7.5600 C2	1.9690 C2	1.7810-09	1.4220 C0	3.3620-01	3.6630-02	8.7980-01	8.7980-01	3.5720-04										
57	6.3100-01	1.0950 C4	8.4040 C2	2.2460 C2	1.9090-09	1.5130 C0	2.1750-01	-9.2260-01	9.1070-01	9.1070-01	7.5720-04										
59	7.9430-01	1.1270 C4	9.4090 C2	2.5650 C2	2.0610-09	1.5930 C0	-4.3630-02	-1.7480 C0	9.3530-01	9.3530-01	7.0620-04										
61	1.0000 C0	1.1610 C4	1.0620 C3	2.9370 C2	2.2460-09	1.6680 C0	-3.0800-01	-1.8050 C0	9.5340-01	9.5340-01	1.3880-03										
63	1.2590 C0	1.1950 C4	1.2070 C3	3.3760 C2	2.4690-09	1.7490 C0	-3.5600-01	-2.6970-01	9.6590-01	9.6590-01	2.6410-03										
65	1.5850 C0	1.2320 C4	1.3820 C3	3.9020 C2	2.7320-09	1.8380 C0	7.2290-02	-4.1860-02	9.7520-01	9.7520-01	5.0230-03										
67	1.9950 C0	1.2700 C4	1.5910 C3	4.5330 C2	3.0400-09	1.9420 C0	3.3690-01	-1.1480-01	9.8130-01	9.8130-01	9.2710-03										
69	2.5120 C0	1.3120 C4	1.8410 C3	5.3070 C2	3.3830-09	2.0610 C0	-4.0930-02	-1.3800 C0	9.8550-01	9.8550-01	1.7560-02										
71	3.9100 C0	1.3590 C4	2.1340 C3	6.2720 C2	3.7620-09	2.2170 C0	-3.1970-01	-1.8510 C0	9.8900-01	9.8900-01	3.3930-02										
73	3.9910 C0	1.4050 C4	2.4740 C3	7.4670 C2	4.1710-09	2.4500 C0	-1.7720-01	-5.4950-01	9.9130-01	9.9130-01	5.9380-02										
75	5.0120 C0	1.4510 C4	2.8550 C3	8.9490 C2	4.5840-09	2.7740 C0	3.3440-01	-1.1480-01	9.9310-01	9.9310-01	9.8380-02										
77	6.3100 C0	1.5020 C4	3.2720 C3	1.0820 C3	4.9480-09	3.2310 C0	4.4270-02	-1.0440 C0	9.9460-01	9.9460-01	1.6040-01										
79	7.9430 C0	1.5580 C4	3.7140 C3	1.3200 C3	5.2140-09	3.8730 C0	-1.0930-01	-1.4460 C0	9.9570-01	9.9570-01	2.5470-01										
81	1.0000 C1	1.6160 C4	4.1730 C3	1.6020 C3	5.3960-09	4.6830 C0	-1.3630-01	-7.2850-01	9.9660-01	9.9660-01	3.7380-01										
83	1.2590 C1	1.6790 C4	4.6480 C3	1.9260 C3	5.5000-09	5.6080 C0	-1.7800-01	-9.9460-01	9.9740-01	9.9740-01	5.1400-01										
85	1.5950 C1	1.7440 C4	5.1550 C3	2.2670 C3	5.6200-09	6.4510 C0	-1.5310-01	-8.3700-02	9.9760-01	9.9760-01	6.4320-01										
87	1.9950 C1	1.8110 C4	5.7180 C3	2.6300 C3	5.7870-09	7.1580 C0	3.5310-01	-9.2210-01	9.9780-01	9.9780-01	7.5410-01										
89	2.5120 C1	1.8800 C4	6.3660 C3	3.0190 C3	6.0450-09	7.6860 C0	1.3590-01	-1.2020 C0	9.9800-01	9.9800-01	8.3720-01										
91	3.1620 C1	1.9540 C4	7.1410 C3	3.4550 C3	6.4010-09	8.0640 C0	2.2560-01	-2.2090 C0	9.9820-01	9.9820-01	8.9650-01										
93	3.9910 C1	2.0310 C4	8.0760 C3	3.9560 C3	6.8820-09	8.3500 C0	9.4110-02	-7.5030-01	9.9840-01	9.9840-01	9.2340-01										
95	5.0120 C1	2.1130 C4	9.2190 C3	4.5510 C3	7.4940-09	8.6020 C0	2.2410-02	-5.2540-01	9.9850-01	9.9850-01	9.5930-01										
97	6.3100 C1	2.1970 C4	1.0620 C4	5.2660 C3	8.2650-09	8.8890 C0	-2.0220-01	-1.6950 C0	9.9870-01	9.9870-01	9.7400-01										
99	7.9430 C1	2.2860 C4	1.2320 C4	6.1290 C3	9.1930-09	9.1960 C0	4.3330-02	-1.2330 C0	9.9880-01	9.9880-01	9.8320-01										

TEFF = 10000.0 LOG(G) = 3.00 X = 0.14300 Y = 0.85700

	-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.2460-03	1061.56	3.6000 04	2050.00	3.6120 07	3636.18	1.9970 07	4034.83	4.8670 07	
546.43	1.3940-02	1086.41	1.5030 05	2127.72	3.5190 07	3697.15	2.0040 07	4078.38	4.4630 07	
649.38	1.2050 00	1100.00	2.9100 05	2292.47	3.3170 07	3698.31	2.0170 07	4101.73	1.4930 07	
800.11	8.7600 01	1112.26	4.7370 05	2484.88	3.0860 07	3700.50	2.1250 07	4141.06	4.5300 07	
911.76	7.9800 02	1136.26	1.0350 06	2600.00	2.9550 07	3702.69	1.9390 07	4217.72	4.4100 07	
911.76	7.9820 02	1161.33	1.7860 06	2600.00	2.9550 07	3703.85	1.9210 07	4297.27	4.1190 07	
913.07	2.4550 03	1175.00	1.9410 06	2677.27	2.8720 07	3705.25	1.9900 07	4340.46	1.4180 07	
915.54	3.0850 03	1181.83	1.7680 06	2837.09	2.7070 07	3707.91	2.1880 07	4422.28	3.8510 07	
918.03	3.4550 03	1194.99	7.9320 05	3017.20	2.5600 07	3710.56	1.9360 07	4586.15	3.4770 07	
919.35	3.5610 03	1208.45	1.8250 05	3121.75	2.4600 07	3711.97	1.8540 07	4762.63	3.1020 07	
919.63	3.6020 03	1215.57	1.1750 05	3121.76	2.4600 07	3713.69	2.0160 07	4861.32	1.1730 07	
920.10	3.6390 03	1216.42	1.1820 05	3169.76	2.4170 07	3716.95	2.3040 07	4892.89	2.7650 07	
920.63	3.6890 03	1217.83	1.2300 05	3264.93	2.3340 07	3720.21	1.9270 07	4953.86	2.7620 07	
920.96	3.7050 03	1219.25	1.3810 05	3365.99	2.2500 07	3721.94	1.7340 07	5016.38	2.6680 07	
921.34	3.7310 03	1220.00	1.4930 05	3421.87	2.2050 07	3724.08	2.0410 07	5050.00	2.6170 07	
922.06	3.7760 03	1223.41	2.1770 05	3421.87	2.2050 07	3728.14	2.5010 07	5123.58	2.5080 07	
922.77	3.8250 03	1229.92	4.6590 05	3458.74	2.1750 07	3732.22	2.0100 07	5269.12	2.3070 07	
923.15	3.8520 03	1236.50	1.3210 06	3530.87	2.0620 07	3734.37	1.6630 07	5423.16	2.1140 07	
923.68	3.8980 03	1240.00	2.1160 06	3606.08	2.0620 07	3737.09	2.1660 07	5508.11	2.0170 07	
924.69	3.9500 03	1249.96	4.8660 06	3647.05	2.0320 07	3742.24	2.7920 07	5665.32	1.8510 07	
925.69	4.0150 03	1269.29	9.4430 06	3647.05	1.9510 07	3747.42	2.1250 07	5989.38	1.5600 07	
926.22	4.0500 03	1289.23	1.3360 07	3649.67	1.9480 07	3750.15	1.5880 07	6352.76	1.3000 07	
927.00	4.1010 03	1300.00	1.4780 07	3654.04	1.9790 07	3753.67	2.3340 07	6562.80	6.6060 06	
928.48	4.1880 03	1315.23	1.7180 07	3659.62	2.0540 07	3760.35	3.1980 07	6797.77	1.0520 07	
929.96	4.2980 03	1348.15	2.1210 07	3662.26	2.1060 07	3767.08	2.3790 07	7292.74	8.4270 06	
930.75	4.3500 03	1381.65	2.4760 07	3665.27	2.1650 07	3770.63	1.5730 07	7865.45	6.6170 06	
931.95	4.4270 03	1400.00	2.6470 07	3670.98	2.2470 07	3775.31	2.6750 07	8205.87	5.7730 06	
934.26	4.5690 03	1419.35	2.7950 07	3676.71	2.2640 07	3784.22	3.7040 07	8205.87	6.3590 06	
936.58	4.7480 03	1457.53	3.0710 07	3679.74	2.2460 07	3793.16	2.6950 07	8862.47	5.3360 06	
937.80	4.8490 03	1497.93	3.3030 07	3680.27	2.2370 07	3797.90	1.5470 07	10448.64	3.0350 06	
939.84	4.9410 03	1520.00	3.4090 07	3681.28	2.2270 07	3804.32	3.1010 07	12726.36	1.5070 06	
943.74	5.3080 03	1545.12	3.5050 07	3682.28	2.2120 07	3816.55	4.2590 07	1380.00	9.7030 05	
947.66	5.6140 03	1595.10	3.6530 07	3682.81	2.2090 07	3828.85	3.2250 07	1590.88	7.0970 05	
949.74	5.9190 03	1648.41	3.7520 07	3683.50	2.1990 07	3835.38	1.5610 07	1984.04	3.0980 05	
953.60	6.2170 03	1678.00	3.7870 07	3684.82	2.1900 07	3844.54	3.7390 07	2641.82	1.0690 05	
961.00	7.1950 03	1723.39	3.8120 07	3686.13	2.1550 07	3852.03	4.7290 07	3200.00	5.1200 04	
968.52	7.9930 03	1816.53	3.8040 07	3686.83	2.1530 07	3879.67	3.7400 07	34121.04	3.9980 04	
972.54	8.1140 03	1920.32	3.7460 07	3687.64	2.1400 07	3899.05	1.5450 07	39024.39	2.3790 04	
981.32	1.0470 04	1980.00	3.6900 07	3689.19	2.1440 07	3902.80	4.2810 07	45573.51	1.3030 04	
998.42	1.5600 04	1991.74	3.6730 07	3690.73	2.0730 07	3929.14	4.9720 07	50000.00	9.0810 03	
1016.12	1.9460 04	2014.39	3.6530 07	3691.55	2.0750 07	3955.84	4.3220 07	54724.75	6.3840 03	
1025.72	1.6630 04	2037.56	3.6260 07	3692.52	2.0640 07	3970.07	1.5540 07	66666.67	2.9480 03	
1037.82	2.9500 04	2050.00	3.6120 07	3694.35	2.1190 07	3992.20	4.6690 07	85275.25	1.1200 03	

TEFF = 10000.0 LOG(G) = 3.50 X = 0.14300 Y = 0.85700

I	TAJ	TE	PG	PE	PHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0000-C8	7.2560 C3	5.6510-C4	1.5160-C4	1.8870-15	5.6860-C2	-1.8470-C1	-3.2170 C2	9.9970-C1	3.1080-C4	4.6780-29
3	1.0000-C7	7.2180 C3	5.5760-C3	1.5900-C3	1.8740-14	5.6720-C2	-1.8370-C1	-1.9720 C2	9.9670-C1	2.5340-C5	2.4180-31
5	1.0000-C6	7.3300 C3	5.6060-C2	1.5700-C2	1.8650-13	5.6140-C2	-1.5470-C1	-3.0680 C2	9.7760-C1	4.8550-C6	1.8440-32
7	1.0000-C5	7.6410 C3	5.6630-C1	1.5280-C1	1.8360-12	5.6770-C2	-1.8370-C1	-3.0820 C2	9.2330-C1	2.7170-C6	3.9630-C32
9	1.0000-C4	7.8100 C3	5.2410 C0	1.1740 C0	1.7670-11	6.4590-C2	-1.8460-C1	-1.5830 C0	7.2080-C1	8.3530-C7	9.9380-C33
11	1.0000-C3	7.6780 C3	4.6010 C1	5.3410 C0	1.7780-10	7.2260-C2	-4.5700-C1	-1.3500 C0	3.2810-C1	1.4190-C7	2.1390-C34
13	1.3590-C3	7.7640 C3	6.1450 C1	6.4320 C0	2.4040-10	7.4660-C2	-4.2330-C1	-1.2710 C0	2.9210-C1	1.2130-C7	1.6180-C34
15	1.8480-C3	7.7900 C3	8.1570 C1	7.7760 C0	3.2190-10	7.8530-C2	-3.0050-C1	-1.1950 C0	2.6320-C1	1.0860-C7	1.4170-34
17	2.5120-C3	7.9090 C3	1.0730 C0	4.4730 C0	4.2490-10	9.4640-C2	-3.2500-C1	-1.1170 C0	2.4200-C1	1.0310-C7	1.5070-34
19	3.4150-C3	7.8540 C3	1.3910 C2	1.1650 C1	5.5070-10	9.3950-C2	-3.4570-C1	-1.0100 C0	2.2830-C1	1.0500-C7	2.0190-34
21	4.6420-C3	7.9180 C3	1.7750 C2	1.4490 C1	6.9860-10	1.0770-C1	-3.1170-C1	-8.5460-C1	2.2200-C1	1.1540-C7	3.4800-C34
23	6.3100-C3	8.0000 C3	2.2250 C2	1.8190 C1	8.6650-10	1.2710-C1	-2.8950-C1	-6.4800-C1	2.2240-C1	1.3640-C7	7.5970-34
25	8.5770-C3	8.0930 C3	2.7370 C2	2.2840 C1	1.0520-C9	1.5240-C1	-2.9880-C1	-4.1900-C1	2.2750-C1	1.6880-C7	1.9170-33
27	1.1660-C2	8.1920 C3	3.3150 C2	2.8520 C1	1.2550-C9	1.8370-C1	-2.2940-C1	-1.6330-C1	2.3510-C1	2.1310-C7	5.1140-33
29	1.5350-C2	8.2900 C3	3.9730 C2	3.5270 C1	1.4820-C9	2.2040-C1	-6.3750-C2	-2.6070-C1	2.4340-C1	2.6810-C7	1.3360-32
31	2.1540-C2	8.3990 C3	4.7060 C2	4.3690 C1	1.7250-C9	2.6740-C1	-4.0040-C3	-2.7770-C1	2.5570-C1	3.4950-C7	3.9010-32
33	2.9290-C2	8.5200 C3	5.5240 C2	5.4270 C1	1.9840-C9	3.2820-C1	-5.0700-C2	-1.2190-C1	2.7220-C1	4.7170-C7	1.2740-31
35	3.9810-C2	8.6510 C3	6.4280 C2	6.7470 C1	2.2570-C9	4.0590-C1	-4.0060-C2	-3.3040-C2	2.9300-C1	6.5620-C7	4.5720-31
37	5.4120-C2	8.8030 C3	7.4070 C2	8.4450 C1	2.5300-C9	5.1090-C1	1.3640-C1	9.4820-C2	3.2140-C1	9.6760-C7	1.9840-30
39	7.3560-C2	9.3680 C3	8.4640 C2	1.0550 C2	2.8030-C9	6.4500-C1	6.9480-C1	3.9120-C1	3.5560-C1	1.4710-C6	9.4280-30
41	1.0000-C1	9.4140 C3	9.6010 C2	1.3170 C2	3.0720-C9	9.1750-C1	8.3800-C1	-7.5990-C1	3.9710-C1	2.3260-C6	5.0690-29
43	1.2590-C1	9.3050 C3	1.0500 C3	1.5610 C2	3.2580-C9	9.8430-C1	9.2620-C1	-8.0000-C1	4.3540-C1	3.4550-C6	2.1090-28
45	1.5850-C1	9.4800 C3	1.1430 C3	1.9520 C2	3.4290-C9	1.1980 C0	6.5920-C1	-1.0320 C0	4.8290-C1	5.3640-C6	1.0080-27
47	1.9950-C1	9.6700 C3	1.2410 C3	2.1970 C2	3.5800-C9	1.4330 C0	1.3100-C1	-1.0340 C0	5.3760-C1	9.7770-C6	5.6710-27
49	2.5120-C1	9.9020 C3	1.3420 C3	2.5030 C2	3.7070-C9	1.7200 C0	1.0980-C1	-1.0670 C0	6.0110-C1	1.5360-C5	3.9240-26
51	3.1620-C1	1.0140 C4	1.4500 C3	3.0530 C2	3.8280-C9	2.0810 C0	6.3610-C2	-1.0990 C0	6.6530-C1	2.7690-C5	2.9400-25
53	3.9810-C1	1.0410 C4	1.5660 C3	3.5420 C2	3.9510-C9	2.3170 C0	-4.1700-C2	-1.1220 C0	7.3020-C0	5.1510-C5	2.3950-24
55	5.0120-C1	1.0690 C4	1.6950 C3	4.0690 C2	4.0900-C9	2.5300 C0	1.0530-C2	-9.9270-C1	7.8920-C1	9.8350-C5	2.0890-23
57	6.3100-C1	1.0990 C4	1.9420 C3	4.6380 C2	4.2570-C9	2.8250 C0	3.1320-C2	-9.5200-C1	8.4040-C1	1.9170-C4	1.9200-22
59	7.9430-C1	1.1310 C4	2.0140 C3	5.2620 C2	4.4630-C9	3.0160 C0	6.2560-C2	-1.1860 C0	8.8300-C1	3.8360-C1	1.9050-21
61	1.0000 C0	1.1650 C4	2.2180 C3	5.9540 C2	4.7260-C9	3.1710 C0	-1.5910-C1	-1.2390 C0	9.1530-C1	7.6490-C4	1.8600-20
63	1.2390 C0	1.2010 C4	2.4650 C3	6.7470 C2	5.0560-C9	3.3660 C0	-2.4620-C1	-5.0420-C1	9.3920-C1	1.5150-C3	1.7770-19
65	1.5850 C0	1.2370 C4	2.7630 C3	7.6690 C2	5.4740-C9	3.4470 C0	1.3840-C1	1.1120-C1	9.5550-C1	2.8660-C3	1.4750-18
67	1.9950 C0	1.2750 C4	3.1230 C3	8.7660 C2	5.9780-C9	3.5380 C0	5.3330-C1	-6.3870-C1	9.6570-C1	5.3390-C3	1.1760-17
69	2.5120 C0	1.3160 C4	3.5570 C3	1.0090 C3	6.5720-C9	3.7730 C0	1.3740-C1	-1.8840 C0	9.7440-C1	9.9290-C3	9.4110-17
71	3.1620 C0	1.3600 C4	4.0770 C3	1.1730 C3	7.2460-C9	3.9880 C0	-2.3830-C1	-1.9180 C0	9.8060-C1	1.8710-C2	7.9720-16
73	3.9810 C0	1.4060 C4	4.6910 C3	1.3750 C3	8.0010-C9	4.2890 C0	-3.5290-C1	-6.7230-C1	9.8510-C1	3.4010-C2	6.1740-15
75	5.0120 C0	1.4530 C4	5.4030 C3	1.6270 C3	9.8150-C9	4.7170 C0	1.9680-C1	-3.9200-C1	9.8830-C1	5.8660-C2	4.1810-14
77	6.3100 C0	1.5020 C4	6.2070 C3	1.9390 C3	9.6430-C9	5.3110 C0	1.5260-C1	-8.0260-C1	9.9070-C1	9.6380-C2	2.5300-13
79	7.9430 C0	1.5530 C4	7.0930 C3	2.2310 C3	1.0430-C8	6.1380 C0	1.3390-C1	-1.0000 C0	9.9260-C1	1.5370-C1	1.4790-12
81	1.0000 C1	1.6120 C4	8.0420 C3	2.8310 C3	1.0970-C8	7.2980 C0	-2.1020-C1	-1.2670 C0	9.9420-C1	2.4230-C1	9.2320-12
83	1.2390 C1	1.6760 C4	9.0030 C3	3.4460 C3	1.1310-C8	8.8240 C0	-1.1550-C1	-1.2880 C0	9.9560-C1	3.6380-C1	5.6510-11
85	1.5850 C1	1.7400 C4	1.0070 C4	4.1220 C3	1.1600-C8	9.4170 C0	-3.4430-C2	-7.1530-C1	9.9590-C1	4.9070-C1	2.7900-10
87	1.9950 C1	1.8050 C4	1.1190 C4	4.9530 C3	1.1910-C8	1.2030 C1	3.3450-C1	-8.3620-C1	9.9620-C1	6.1270-C1	1.1780-09
89	2.5120 C1	1.8730 C4	1.2420 C4	5.6480 C3	1.2270-C8	1.3450 C1	-2.0040-C1	-1.4290 C0	9.9650-C1	7.2510-C1	4.7600-09
91	3.1620 C1	1.9500 C4	1.3830 C4	6.5170 C3	1.2730-C8	1.4540 C1	-1.9590-C1	-1.7720 C0	9.9700-C1	8.2000-C1	1.9420-08
93	3.9810 C1	2.0030 C4	1.5500 C4	7.4740 C3	1.3420-C8	1.5290 C1	5.1660-C1	-1.2220 C0	9.9740-C1	8.8620-C1	7.2990-08
95	5.0120 C1	2.1110 C4	1.7520 C4	8.5620 C3	1.4400-C8	1.5870 C1	5.0450-C1	-1.4370 C0	9.9750-C1	9.2750-C1	2.4210-07
97	6.3100 C1	2.1960 C4	1.9980 C4	9.8450 C3	1.5660-C8	1.6400 C1	5.7370-C1	-1.5060 C0	9.9800-C1	9.5370-C1	7.5330-07
99	7.9430 C1	2.2840 C4	2.2980 C4	1.1380 C4	1.7220-C8	1.6940 C1	4.5540-C1	-1.4630 C0	9.9820-C1	9.7010-C1	2.2300-06

TEFF = 10000.0 LOG(G) = 3.50 X = 0.14300 Y = 0.85700									
_AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.190D-03	1061.56	3.497D 04	2050.00	3.670D 07	3696.13	2.140D 07	4034.83	4.847D 07
546.43	1.288D-02	1086.41	8.158D 04	2127.72	3.589D 07	3697.15	2.140D 07	4078.38	4.287D 07
649.39	1.127D 00	1100.00	1.396D 05	2292.47	3.400D 07	3698.31	2.139D 07	4101.73	1.434D 07
900.11	9.364D 01	1112.26	2.130D 05	2484.88	3.172D 07	3700.50	2.183D 07	4141.06	4.498D 07
911.76	8.743D 02	1136.26	4.937D 05	2600.00	3.042D 07	3702.69	2.055D 07	4217.72	4.462D 07
911.76	8.742D 02	1161.33	8.304D 05	2600.00	3.042D 07	3703.85	2.043D 07	4297.27	4.121D 07
913.07	2.335D 03	1175.00	8.563D 05	2677.27	2.957D 07	3705.25	2.080D 07	4340.46	1.367D 07
915.54	2.830D 03	1181.93	7.498D 05	2837.09	2.790D 07	3707.91	2.195D 07	3.900D 07	3.900D 07
918.03	3.196D 03	1194.39	3.653D 05	3017.20	2.644D 07	3710.55	2.016D 07	4586.15	3.531D 07
919.35	3.340D 03	1208.45	1.559D 05	3121.75	2.539D 07	3711.97	1.966D 07	4762.63	3.139D 07
919.63	3.356D 03	1215.57	1.110D 05	3121.76	2.539D 07	3713.69	2.069D 07	4861.32	1.138D 07
920.16	3.404D 03	1216.42	1.117D 05	3169.76	2.493D 07	3716.95	2.239D 07	4892.89	2.723D 07
920.68	3.460D 03	1217.83	1.123D 05	3264.93	2.406D 07	3720.21	1.971D 07	4953.86	2.792D 07
920.96	3.481D 03	1219.25	1.225D 05	3365.99	2.318D 07	3721.94	1.835D 07	5016.38	2.704D 07
921.34	3.508D 03	1220.00	1.311D 05	3421.87	2.271D 07	3724.08	2.060D 07	5050.00	2.653D 07
922.06	3.552D 03	1223.41	1.853D 05	3421.87	2.271D 07	3728.14	2.362D 07	5123.58	2.542D 07
922.77	3.508D 03	1229.92	3.264D 05	3458.74	2.240D 07	3732.22	1.996D 07	5269.12	2.338D 07
923.15	3.635D 03	1236.50	5.985D 05	3530.87	2.182D 07	3734.37	1.726D 07	5423.16	2.143D 07
923.63	3.666D 03	1240.00	8.610D 05	3605.08	2.122D 07	3737.09	2.121D 07	5503.11	2.044D 07
924.69	3.726D 03	1249.36	2.147D 06	3647.05	2.090D 07	3742.24	2.564D 07	5665.32	1.876D 07
925.69	3.788D 03	1269.29	5.494D 06	3647.05	2.007D 07	3747.42	2.044D 07	5989.38	1.581D 07
926.22	3.822D 03	1289.23	8.627D 06	3649.67	2.004D 07	3750.15	1.599D 07	6352.76	1.315D 07
927.00	3.871D 03	1300.00	1.018D 07	3654.64	2.022D 07	3753.67	2.215D 07	6562.80	6.463D 06
928.48	3.936D 03	1316.23	1.239D 07	3659.62	2.071D 07	3760.36	2.878D 07	6797.77	1.365D 07
929.96	4.047D 03	1348.15	1.642D 07	3662.26	2.108D 07	3767.08	2.219D 07	7292.74	8.531D 06
930.75	4.037D 03	1381.65	2.029D 07	3665.27	2.152D 07	3770.63	1.548D 07	7865.45	6.697D 06
931.96	4.155D 03	1400.00	2.221D 07	3670.98	2.230D 07	3775.31	2.456D 07	8205.87	5.842D 06
934.26	4.249D 03	1419.35	2.424D 07	3676.71	2.281D 07	3784.22	3.312D 07	8205.87	6.421D 06
936.58	4.448D 03	1457.53	2.746D 07	3679.74	2.291D 07	3793.16	2.444D 07	8862.47	5.439D 06
937.80	4.549D 03	1497.83	3.026D 07	3680.27	2.290D 07	3797.90	1.499D 07	10448.64	3.064D 06
939.84	4.619D 03	1520.00	3.156D 07	3681.28	2.288D 07	3804.32	2.773D 07	12726.36	1.521D 06
943.74	4.851D 03	1545.12	3.275D 07	3682.28	2.286D 07	3816.55	3.854D 07	14380.00	9.796D 05
947.66	5.160D 03	1595.10	3.481D 07	3682.81	2.287D 07	3828.85	2.869D 07	15890.88	7.161D 05
949.74	5.459D 03	1648.41	3.631D 07	3683.50	2.283D 07	3835.38	1.499D 07	19843.04	3.125D 05
953.60	5.635D 03	1678.00	3.689D 07	3684.82	2.280D 07	3844.54	3.335D 07	26411.82	1.077D 05
961.00	6.415D 03	1723.39	3.744D 07	3686.13	2.264D 07	3879.67	3.340D 07	34121.04	4.026D 04
968.52	7.134D 03	1815.53	3.798D 07	3686.83	2.264D 07	3889.05	1.478D 07	39024.39	2.395D 04
972.54	7.577D 03	1920.32	3.768D 07	3687.64	2.257D 07	3902.85	3.902D 07	45573.51	1.310D 04
981.32	9.220D 03	1980.00	3.730D 07	3689.19	2.255D 07	3929.14	4.814D 07	50000.00	9.127D 03
998.42	1.334D 04	1991.74	3.721D 07	3690.73	2.213D 07	3955.84	3.979D 07	54724.75	6.412D 03
1016.12	1.690D 04	2014.39	3.702D 07	3691.55	2.212D 07	3970.07	1.485D 07	66666.67	2.957D 03
1025.72	1.563D 04	2037.56	3.681D 07	3692.52	2.201D 07	3992.20	4.466D 07	85275.25	1.122D 03
1037.82	2.559D 04	2050.00	3.670D 07	3694.35	2.219D 07				

$$T_{\text{EFF}} = 10000.0 \quad \text{LOG}(G) = 4.00 \quad X = 0.14300 \quad Y = 0.85700$$

I	TAJ	TC	PG	PE	RHO	KAPZ	DF (%)	D	TE	XH2	XHE2	XHE3
1	1.0000-08	7.2500 C3	1.7920-03	5.1200-04	5.9910-15	5.6820-02	-2.0310-01	-3.6090	02	9.9900-01	9.5050-05	4.2190-30
3	1.0000-07	7.2990 C3	1.7670-02	5.0210-03	5.8820-14	5.6570-02	-2.0310-01	-3.9630	02	9.9190-01	1.2550-05	9.8050-32
5	1.0000-06	7.1950 C3	1.8190-01	4.8210-02	6.3030-13	5.2960-02	-2.0310-01	-3.3500	02	9.0120-01	7.3100-07	1.7250-34
7	1.0000-05	7.6500 C3	1.7820 C0	4.3730-01	5.9660-12	5.6950-02	-2.0300-01	6.0440	01	8.1210-01	9.9570-07	5.6140-33
9	1.0000-04	7.7420 C3	1.5460 C1	2.6410 C0	5.5910-11	6.8590-02	-2.0170-01	-1.7350	00	5.1450-01	3.2380-07	1.2790-33
11	1.0000-03	7.7130 C3	1.4230 C2	9.9150 C0	5.8220-10	7.3710-02	-6.6500-01	-1.0960	00	1.8710-01	6.0760-08	3.0240-35
13	1.0000-02	7.7300 C3	1.8960 C2	1.1920 C1	7.7980-10	7.8220-02	-6.3560-01	-1.1780	00	1.6760-01	5.5100-08	2.7450-35
15	1.0000-01	7.7610 C3	2.4930 C2	1.4470 C1	1.0270-09	8.5320-02	-6.3540-01	-1.3040	00	1.5390-01	5.3170-08	3.0570-35
17	2.5120-03	7.8100 C3	3.2260 C2	1.7780 C1	1.3250-09	9.6070-02	-6.3360-01	-1.3860	00	1.4250-01	5.5160-08	4.3350-35
19	3.4150-03	7.8760 C3	4.0930 C2	2.2090 C1	1.6680-09	1.1170-01	-5.3270-01	-1.3730	00	1.4520-01	6.1750-08	7.9040-35
21	4.6420-03	7.9590 C3	5.0910 C2	2.7700 C1	2.0520-09	1.3330-01	-5.4920-01	-1.2650	00	1.4370-01	7.3850-08	1.7890-34
23	6.3100-03	8.0530 C3	6.2170 C2	3.4750 C1	2.4730-09	1.6130-01	-5.4740-01	-1.0280	00	1.4790-01	9.2060-08	4.6170-34
25	8.5770-03	8.1500 C3	7.4920 C2	4.3320 C1	2.9390-09	1.9540-01	-5.5260-01	-6.9540-01	1.5330-01	1.5900-07	1.2200-33	3.2610-33
27	1.1660-02	8.2490 C3	8.9210 C2	5.3630 C1	3.4490-09	2.3640-01	-3.9490-01	-3.3140-01	1.5980-01	1.4690-07	1.6690-07	8.6500-33
29	1.5930-02	8.3490 C3	1.0530 C3	6.5960 C1	4.0130-09	2.8510-01	-7.5750-02	-6.1800-02	1.7590-01	1.8610-07	2.4060-07	2.4400-32
31	2.1540-02	8.4560 C3	1.2330 C3	8.1130 C1	4.6230-09	3.4600-01	-1.5190-01	6.0150-02	1.7590-01	1.8610-07	2.4060-07	2.4400-32
33	2.9290-02	8.5720 C3	1.4340 C3	1.0010 C2	5.2800-09	4.2360-01	-1.1820-01	2.1440-01	1.8740-01	3.1880-07	7.4600-32	7.4600-32
35	3.9810-02	8.7060 C3	1.6560 C3	1.2470 C2	5.9670-09	5.2870-01	-5.0250-02	2.4080-01	2.0340-01	4.4370-07	2.6890-31	1.0560-30
37	5.4120-02	8.8510 C3	1.8950 C3	1.5540 C2	6.6680-09	6.6490-01	-4.6450-02	2.6430-01	2.2320-01	6.3480-07	4.9400-30	4.9400-30
39	7.3560-02	9.0170 C3	2.1520 C3	1.9540 C2	7.3610-09	8.5140-01	-3.5450-01	2.8530-01	2.4950-01	9.5780-07	9.5780-07	4.9400-30
41	1.0000-01	9.1930 C3	2.4250 C3	2.4470 C2	8.0480-09	1.0890 C0	1.0000 C0	-4.7400-02	2.8030-01	1.4700-06	2.4230-29	2.4230-29
43	1.2590-01	9.3370 C3	2.6390 C3	2.8980 C2	8.5380-09	1.3170 C0	1.2600 C0	-5.3930-01	3.0810-01	2.0810-06	6.6800-29	6.6800-29
45	1.5850-01	9.4970 C3	2.8620 C3	3.4470 C2	8.9920-09	1.6060 C0	1.0460 C0	-1.5670 C0	3.4210-01	3.0620-06	3.5160-28	3.5160-28
47	1.9950-01	9.6860 C3	3.0890 C3	4.1300 C2	9.3770-09	1.9830 C0	5.5370-01	-2.2150 C0	3.8550-01	4.7820-06	1.7290-27	1.7290-27
49	2.5120-01	9.9040 C3	3.3200 C3	4.9850 C2	9.6650-09	2.4790 C0	4.1190-02	-2.6820 C0	4.4140-01	8.0750-06	1.0320-26	1.0320-26
51	3.1520-01	1.0150 C4	3.5610 C3	6.0010 C2	9.8630-09	3.0840 C0	-3.0880-01	-2.1910 C0	5.0790-01	1.4470-05	8.2650-26	8.2650-26
53	3.9310-01	1.0430 C4	3.7870 C3	7.1620 C2	9.9920-09	3.7720 C0	-3.5490-01	-1.0410 C0	5.8250-01	2.7290-05	7.2520-25	7.2520-25
55	5.3120-01	1.0720 C4	4.3000 C3	9.6980 C2	1.0250-08	4.4680 C0	1.7020-01	-4.9360-01	6.5730-01	5.2210-05	6.5180-24	6.5180-24
57	6.3100-01	1.1020 C4	4.3000 C3	9.6980 C2	1.0250-08	5.1130 C0	3.4770-01	-9.5780-01	7.2740-01	1.0060-04	5.8640-23	5.8640-23
59	7.9430-01	1.1350 C4	4.5970 C3	1.1070 C3	1.0430-08	5.6770 C0	1.4150-01	-1.3300 C0	7.9220-01	2.0090-04	5.8180-22	5.8180-22
61	1.0000 C0	1.1700 C4	4.9390 C3	1.2500 C3	1.0700-08	6.1170 C0	-2.8200-01	-1.0410 C0	8.4600-01	4.0390-04	5.8030-21	5.8030-21
63	1.2590 C0	1.2060 C4	5.3440 C3	1.4030 C3	1.1090-08	6.4470 C0	-4.2110-01	1.1040-01	8.8790-01	8.0710-04	5.6320-20	5.6320-20
65	1.5850 C0	1.2420 C4	5.8320 C3	1.5690 C3	1.1650-08	6.7170 C0	1.1860-01	8.2560-01	9.1730-01	1.5310-03	4.6310-19	4.6310-19
67	1.9950 C0	1.2790 C4	6.4230 C3	1.7590 C3	1.2380-08	6.9560 C0	5.9130-01	-4.4810-01	9.3780-01	2.8450-01	3.5730-18	3.5730-18
69	2.5120 C0	1.3190 C4	7.1440 C3	1.9840 C3	1.3280-08	7.1930 C0	2.9840-01	-2.1640 C0	9.5280-01	5.3360-03	2.8590-17	2.8590-17
71	3.1520 C0	1.3630 C4	8.0210 C3	2.2600 C3	1.4350-08	7.4630 C0	-1.5020-01	-2.7600 C0	9.6480-01	1.0210-02	2.4660-16	2.4660-16
73	3.9310 C0	1.4090 C4	9.0800 C3	2.5990 C3	1.5610-08	7.8400 C0	-5.7320-01	-1.4530 C0	9.7350-01	1.8950-02	1.9640-15	1.9640-15
75	5.3120 C0	1.4560 C4	1.0340 C4	3.0190 C3	1.7070-08	8.3870 C0	-3.4130-01	5.3970-01	9.7960-01	3.3630-02	1.3920-14	1.3920-14
77	6.3100 C0	1.5030 C4	3.5370 C3	4.5370 C3	1.8660-08	9.1570 C0	1.2110-02	1.6200 C0	9.8400-01	5.6520-02	8.5520-14	8.5520-14
79	7.9430 C0	1.5530 C4	4.1830 C3	5.0120 C3	2.0300-08	1.0220 C1	4.3210-01	-1.0350 C0	9.8730-01	9.1720-02	4.8940-13	4.8940-13
81	1.0000 C1	1.6090 C4	1.5330 C4	5.0120 C3	2.1760-08	1.1740 C1	3.0580-01	-1.4170 C0	9.9020-01	1.4890-01	2.9980-12	2.9980-12
83	1.2590 C1	1.6730 C4	1.7330 C4	6.0750 C3	2.2840-08	1.3880 C1	-1.2740-01	-3.0670 C0	9.9250-01	2.3720-01	1.9170-11	1.9170-11
85	1.5850 C1	1.7390 C4	1.9450 C4	7.3350 C3	2.3660-08	1.6520 C1	-8.9400-01	-4.6500-01	9.9320-01	3.4650-01	1.0480-10	1.0480-10
87	1.9950 C1	1.8010 C4	2.1700 C4	8.7430 C3	2.4400-08	1.9440 C1	1.0810-01	-3.2860-01	9.9380-01	4.6230-01	4.6150-10	4.6150-10
89	2.5120 C1	1.8590 C4	2.4110 C4	1.0320 C4	2.5050-08	2.2490 C1	-1.9810-02	-4.2250-01	9.9440-01	5.8380-01	1.9110-09	1.9110-09
91	3.1520 C1	1.9430 C4	2.6780 C4	1.2060 C4	2.5690-08	2.5270 C1	-1.1460-01	-8.5320-01	9.9500-01	7.0280-01	7.9800-09	7.9800-09
93	3.9310 C1	2.0850 C4	2.9820 C4	1.3950 C4	2.6580-08	2.7430 C1	-2.6650-02	-8.3720-01	9.9570-01	8.0210-01	3.2120-08	3.2120-08
95	5.3120 C1	2.1090 C4	3.3390 C4	1.6020 C4	2.7960-08	2.8940 C1	4.2150-01	-8.1120-01	9.9630-01	8.2100-01	1.1660-07	1.1660-07
97	6.3100 C1	2.1950 C4	3.7700 C4	1.8360 C4	2.9890-08	3.0090 C1	5.4710-01	-8.2640-01	9.9690-01	9.1770-01	3.8460-07	3.8460-07
99	7.9430 C1	2.2850 C4	4.2930 C4	2.1110 C4	3.2420-08	3.1090 C1	5.5170-01	-7.4940-01	9.9730-01	9.4670-01	1.1770-06	1.1770-06

Time = 10000.0 LOG(G) = 4.00 X = 0.14300 Y = 0.85700

_AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.3730-03	1061.56	4.2280 04	2050.00	3.7430 07	3696.18	2.2710 07	4034.83	4.7500 07
546.43	1.5400-02	1086.41	5.8950 04	2127.72	3.6760 07	3697.15	2.2710 07	4078.38	4.0120 07
649.38	1.2910 00	1100.00	1.0050 05	2292.47	3.5010 07	3698.31	2.2680 07	4101.73	1.3840 07
900.11	9.1310 01	1112.26	1.3040 05	2484.86	3.2710 07	3700.50	2.2810 07	4141.06	4.3820 07
911.76	8.1260 02	1136.26	2.6190 05	2600.00	3.1450 07	3702.69	2.2000 07	4217.72	4.4770 07
911.76	8.1100 02	1161.33	4.2730 05	2600.00	3.1450 07	3703.85	2.1920 07	4297.27	4.0590 07
913.07	2.1900 03	1175.00	4.2920 05	2677.27	3.0590 07	3705.25	2.2070 07	4340.46	1.3250 07
915.54	2.8980 03	1181.83	3.8690 05	2837.09	2.8860 07	3707.91	2.2560 07	4422.28	3.9190 07
918.03	3.3020 03	1194.99	2.6170 05	3017.20	2.7430 07	3710.56	2.1430 07	4586.15	3.5680 07
919.35	3.4170 03	1208.45	1.3610 05	3121.75	2.6310 07	3711.97	2.1140 07	4762.63	3.1550 07
919.63	3.4360 03	1215.67	1.0570 05	3121.75	2.6310 07	3713.69	2.1680 07	4861.32	1.1080 07
920.16	3.4700 03	1215.42	1.0660 05	3169.76	2.5830 07	3716.95	2.2580 07	4892.89	2.6360 07
920.68	3.5060 03	1217.83	1.0320 05	3264.93	2.4910 07	3720.21	2.0750 07	4953.86	2.8070 07
920.96	3.5190 03	1219.25	1.0950 05	3365.99	2.3980 07	3721.94	2.0750 07	5016.38	2.7300 07
921.34	3.5350 03	1220.00	1.1630 05	3421.87	2.3490 07	3724.08	2.1330 07	5050.00	2.6800 07
922.05	3.5760 03	1223.41	1.6160 05	3421.87	2.3490 07	3728.14	2.3130 07	5123.58	2.5710 07
922.77	3.6100 03	1229.92	2.7740 05	3458.74	2.3160 07	3732.22	2.0490 07	5269.12	2.3660 07
923.15	3.6320 03	1236.50	4.2100 05	3530.87	2.2540 07	3734.37	1.8580 07	5423.16	2.1680 07
923.63	3.6520 03	1240.00	5.1200 05	3606.08	2.1910 07	3737.09	2.1440 07	5508.11	2.0680 07
924.69	3.6800 03	1249.96	1.0220 05	3647.05	2.1570 07	3742.24	2.4330 07	5665.32	1.8980 07
925.69	3.7410 03	1269.29	2.9600 06	3647.05	2.1570 07	3747.42	2.0350 07	5989.38	1.5990 07
926.22	3.7660 03	1289.23	5.3300 06	3649.67	2.0750 07	3750.15	1.6780 07	6352.76	1.3280 07
927.00	3.8060 03	1300.00	6.6540 06	3654.64	2.0810 07	3753.67	2.1740 07	6562.80	6.3310 06
928.48	3.7990 03	1316.23	8.6300 06	3659.62	2.1120 07	3760.36	2.6580 07	6797.77	1.0760 07
929.95	3.9580 03	1348.15	1.2400 07	3662.26	2.1350 07	3767.08	2.1370 07	7292.74	8.6290 06
930.75	4.0020 03	1381.65	1.6160 07	3665.27	2.1670 07	3770.63	1.5750 07	7865.45	6.7730 06
931.95	4.0290 03	1400.00	1.8140 07	3670.98	2.2300 07	3775.31	2.3310 07	8205.87	5.9090 06
934.26	4.0060 03	1419.35	2.0260 07	3676.71	2.2840 07	3784.22	2.9970 07	8205.87	6.4690 06
936.59	4.2530 03	1457.53	2.3920 07	3679.74	2.3050 07	3793.16	2.2850 07	8862.47	5.4800 06
937.80	4.3810 03	1497.83	2.7230 07	3680.27	2.3070 07	3797.90	1.4820 07	10448.64	3.0900 06
939.94	4.3820 03	1520.00	2.8820 07	3681.28	2.3120 07	3804.32	2.5500 07	12726.36	1.5350 06
943.74	4.4610 03	1545.12	3.0340 07	3682.28	2.3160 07	3816.55	3.4730 07	14380.00	9.8870 05
947.66	4.8180 03	1595.10	3.2010 07	3682.81	2.3190 07	3828.85	2.6040 07	15890.88	7.2210 05
949.74	5.2360 03	1648.41	3.4930 07	3683.50	2.3210 07	3835.38	1.4600 07	19843.04	3.1510 05
953.60	5.1410 03	1678.00	3.5780 07	3684.82	2.3240 07	3844.54	2.9920 07	26411.82	1.0850 05
951.00	5.7640 03	1723.39	3.6700 07	3686.13	2.3230 07	3862.03	4.0370 07	32000.00	5.1950 04
968.52	6.4100 03	1816.53	3.7750 07	3686.83	2.3250 07	3879.67	2.9940 07	34121.04	4.0560 04
972.54	7.1700 03	1920.32	3.8030 07	3687.64	2.3240 07	3899.05	1.4260 07	39024.39	2.4120 04
981.32	8.1980 03	1980.00	3.7850 07	3689.19	2.3250 07	3902.80	3.5150 07	45573.51	1.3190 04
998.42	1.1880 04	1991.74	3.7800 07	3690.73	2.3090 07	3929.14	4.5520 07	50000.00	9.1830 03
1016.12	1.4890 04	2014.39	3.7670 07	3691.55	2.3100 07	3955.84	3.6030 07	54724.75	6.4480 03
1035.72	1.4930 04	2037.56	3.7520 07	3692.52	2.3060 07	3970.07	1.4280 07	66666.67	2.9700 03
1037.82	2.2590 04	2050.00	3.7430 07	3694.35	2.3130 07	3992.20	4.1630 07	85275.25	1.1250 03

TEFF = 10000.0    LOG(G) =    4.50    X =    0.14300    Y =    0.85700											
I	TAJ	TE	PG	PE	RHO	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	7.0910 03	5.6840-03	1.6190-03	1.9450-14	5.6620-02	-1.5310-01	-3.8530 02	9.9480-01	1.1750-05	2.2040-32
3	1.0000-07	7.0460 03	5.6940-02	1.5610-02	1.9900-13	5.4300-02	-1.5350-01	-3.8280 02	9.4390-01	1.2780-07	1.0070-34
5	1.0000-06	7.5120 03	5.9380-01	1.5570-01	1.9790-12	5.5020-02	-3.5780-01	-3.4160 02	8.8800-01	1.3420-06	4.4300-33
7	1.0000-05	7.7410 03	5.5190 00	1.1780 00	1.9030-11	6.1790-02	-8.3320-01	-1.3170 01	6.7800-01	5.8990-07	3.3520-33
9	1.0000-04	7.7300 03	4.6840 02	5.2330 00	1.8260-10	6.9200-02	-1.1335 00	3.2150 00	3.1420-01	1.2520-07	1.4120-36
11	1.0000-03	7.6740 03	4.4180 02	1.7570 01	1.8760-09	7.8140-02	-5.5630 00	3.9480 00	1.0350-01	2.7950-08	5.0710-36
13	1.3590-03	7.7690 03	5.8030 02	2.1230 01	2.4620-09	8.6160-02	-6.7950 00	4.2910 00	9.4390-02	2.7160-08	5.7520-36
15	1.8480-03	7.7520 03	7.4840 02	2.5980 01	3.1620-09	9.7850-02	-4.3760 00	4.6900 00	8.9840-02	2.8310-08	8.2340-36
17	2.5120-03	7.8170 03	9.4650 02	3.2180 01	3.9680-09	1.1440-01	-2.2070 00	5.0260 00	8.7920-02	3.1700-08	1.4970-35
19	3.4150-03	7.9000 03	1.1720 03	4.0270 01	4.8620-09	1.3720-01	-2.1850 00	5.2960 00	8.8860-02	3.8010-08	3.4110-35
21	4.6420-03	7.9920 03	1.4270 03	5.0480 01	5.8430-09	1.6670-01	-2.1184 00	5.6290 00	9.1540-02	4.7380-08	8.7940-35
23	6.3100-03	8.0900 03	1.7140 03	6.3120 01	6.9240-09	2.0330-01	-2.1166 00	6.0460 00	9.5520-02	6.0150-08	2.3930-34
25	8.5770-03	8.1860 03	2.0330 03	7.8030 01	8.1040-09	2.4600-01	-1.3800 00	6.5240 00	9.9700-02	7.5950-08	6.3150-34
27	1.1660-02	8.2840 03	2.3930 03	9.5890 01	9.4090-09	2.9680-01	-8.7430-01	6.9040 00	1.0430-01	9.5900-08	1.6560-33
29	1.5850-02	8.3850 03	2.7970 03	1.1750 02	1.0840-08	3.5850-01	1.4250-01	6.8970 00	1.0960-01	1.2200-07	4.4260-33
31	2.1540-02	8.4900 03	3.2510 03	1.4400 02	1.2420-08	4.3430-01	5.4890-01	6.4810 00	1.1580-01	1.5690-07	1.2240-32
33	2.9290-02	8.6060 03	3.7570 03	1.7750 02	1.4110-08	5.3200-01	5.8730-01	5.8040 00	1.2380-01	2.0730-07	3.7060-32
35	3.9310-02	8.7330 03	4.3160 03	2.1960 02	1.5910-08	5.5860-01	3.4570-01	5.1080 00	1.3400-01	2.8150-07	1.2260-31
37	5.4120-02	8.8770 03	4.9260 03	2.7430 02	1.7780-08	9.2910-01	2.0540-01	4.5670 00	1.4730-01	3.9800-07	4.6530-31
39	7.3560-02	9.0400 03	5.5780 03	3.4560 02	1.9640-08	1.0630 00	5.5970-01	3.7310 00	1.6500-01	5.8960-07	2.0610-30
41	1.0000-01	9.2120 03	6.2660 03	4.3420 02	2.1480-08	1.3660 00	1.2780 00	1.7510 00	1.8600-01	8.8740-07	9.5490-30
43	1.2590-01	9.3510 03	6.8080 03	5.1570 02	2.2830-08	1.6570 00	1.5180 00	-9.3360-01	2.0480-01	1.2280-06	3.1940-29
45	1.5850-01	9.5060 03	7.3660 03	6.1630 02	2.4090-08	2.0340 00	1.5990 00	-4.1350 00	2.2810-01	1.7600-06	1.1980-28
47	1.9950-01	9.6890 03	7.9320 03	7.4620 02	2.5170-08	2.5540 00	1.3830 00	-7.0050 00	2.5940-01	2.6880-06	5.5640-28
49	2.5120-01	9.9040 03	8.4940 03	9.1390 02	2.5970-08	3.2730 00	9.2360-01	-9.2230 00	3.0120-01	4.4060-06	3.2550-27
51	3.1620-01	1.0160 04	9.0410 03	1.1270 03	2.6440-08	4.2540 00	3.0690-01	-9.4940 00	3.5580-01	7.7670-06	2.0400-26
53	3.9810-01	1.0430 04	9.5730 03	1.3820 03	2.6640-08	5.4930 00	1.3640-01	-9.6380 00	4.2160-01	1.4320-05	2.0270-25
55	5.0120-01	1.0730 04	1.0100 04	1.6710 03	2.6640-08	6.9370 00	4.5560-02	-8.8560 00	4.9550-01	2.7660-05	1.8110-24
57	6.3100-01	1.1030 04	1.0630 04	1.9770 03	2.6610-08	8.4430 00	3.4910-01	-8.4620 00	5.7060-01	5.0610-05	1.5260-23
59	7.9430-01	1.1360 04	1.1190 04	2.3080 03	2.6520-08	9.9910 00	3.8530-01	-8.8600 00	6.4940-01	9.8510-05	1.4320-22
61	1.0000 00	1.1720 04	1.1790 04	2.6560 03	2.6450-08	1.1420 01	3.7130-02	-8.7630 00	7.7620-01	1.9840-04	1.4660-21
63	1.2590 00	1.2090 04	1.2470 04	3.0070 03	2.6550-08	1.2570 01	1.5510-01	-8.1830 00	7.9340-01	4.0220-04	1.5020-20
65	1.5850 00	1.2460 04	1.3240 04	3.3540 03	2.6920-08	1.3380 01	4.7440-01	-8.5580 00	8.4600-01	7.8880-04	1.3630-19
67	1.9950 00	1.2860 04	1.4180 04	3.7190 03	2.7620-08	1.3910 01	2.1540-01	-9.4005 00	8.8540-01	1.5440-03	1.2200-18
69	2.5120 00	1.3260 04	1.5330 04	4.1230 03	2.8670-08	1.4300 01	6.0990-02	-8.8760 00	9.1450-01	2.9780-03	1.0410-17
71	3.1620 00	1.3690 04	1.6740 04	4.5920 03	3.0110-08	1.4680 01	9.2070-03	-8.3010 00	9.3610-01	5.6080-03	8.2880-17
73	3.9810 00	1.4120 04	1.8460 04	5.1520 03	3.1980-08	1.5170 01	3.3060-01	-7.9760 00	9.5180-01	1.0210-02	6.0130-16
75	5.0120 00	1.4580 04	2.0550 04	5.8380 03	3.4240-08	1.5810 01	1.0410 00	-1.0200 01	9.6360-01	1.8380-02	4.2690-15
77	6.3100 00	1.5060 04	2.3060 04	6.6860 03	3.6890-08	1.6740 01	9.2940-01	-1.3760 01	9.7210-01	3.1950-02	2.7810-14
79	7.9430 00	1.5560 04	2.6020 04	7.7420 03	3.9850-08	1.8070 01	5.33780-01	-1.5860 01	9.7940-01	5.3440-02	1.6530-13
81	1.0000 01	1.6120 04	2.9420 04	9.0980 03	4.2780-08	1.9970 01	-1.5230-01	-1.5910 01	9.8350-01	9.0110-02	1.0570-12
83	1.2590 01	1.6720 04	3.3240 04	1.0830 04	4.5480-08	2.2720 01	1.3260-01	-1.4290 01	9.8730-01	1.4720-02	6.5230-12
85	1.5850 01	1.7310 04	3.7420 04	1.2920 04	4.8030-08	2.6300 01	2.1740-03	-1.2840 01	9.8950-01	2.1920-01	3.2340-11
87	1.9950 01	1.7920 04	4.1940 04	1.5420 04	5.0200-08	3.0790 01	7.3840-01	-1.2980 01	9.8940-01	3.0930-01	1.4530-10
89	2.5120 01	1.8600 04	4.6780 04	1.8410 04	5.1750-08	3.6200 01	4.0110-01	-1.6660 01	9.9040-01	4.2140-01	6.5320-10
91	3.1620 01	1.9360 04	5.1980 04	2.1890 04	5.2720-08	4.2110 01	2.4700-01	-1.7410 01	9.9170-01	5.5160-01	3.0190-09
93	3.9810 01	2.0200 04	5.7670 04	2.5740 04	5.3630-08	4.7580 01	-7.7140-02	-1.7130 01	9.9300-01	6.8140-01	1.3710-08
95	5.0120 01	2.1090 04	6.4140 04	2.9840 04	5.5190-08	5.1740 01	6.9480-01	-1.7510 01	9.9420-01	7.8720-01	5.6460-08
97	6.3100 01	2.1980 04	7.1740 04	3.4270 04	5.7860-08	5.4670 01	4.2280-01	-1.8460 01	9.9520-01	8.6030-01	2.0030-07
99	7.9430 01	2.2880 04	8.0890 04	3.9260 04	6.1730-08	5.6940 01	1.0470 00	-2.1250 01	9.9600-01	9.0930-01	6.3350-07



TYPE = 10000.0 LOG(G) = 4.50 X = 0.14300 Y = 0.85700									
-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.325D-03	1061.56	4.006D 04	2050.00	3.853D 07	3696.18	2.355D 07	4034.83	4.582D 07
546.43	1.466D-02	1086.41	7.907D 05	2127.72	3.801D 07	3697.15	2.341D 07	4078.38	3.701D 07
649.38	1.270D 00	1100.00	0.919D 04	2292.47	3.635D 07	3698.31	2.356D 07	4101.73	1.096D 07
800.11	9.109D 01	1112.26	1.031D 05	2484.88	3.406D 07	3700.50	2.364D 07	4141.06	4.189D 07
911.76	7.948D 02	1136.26	1.831D 05	2600.00	3.270D 07	3702.69	2.323D 07	4217.72	4.457D 07
911.76	7.920D 02	1151.33	2.738D 05	2600.00	3.270D 07	3703.85	2.291D 07	4297.27	3.933D 07
913.07	2.206D 03	1175.00	2.862D 05	2677.27	3.180D 07	3705.25	2.325D 07	4340.46	1.032D 07
915.54	2.696D 03	1181.83	2.813D 05	2837.09	3.000D 07	3707.91	2.346D 07	4422.28	3.912D 07
918.03	3.074D 03	1194.99	2.294D 05	3017.20	2.857D 07	3710.56	2.279D 07	4586.15	3.596D 07
919.35	3.209D 03	1208.45	1.180D 05	3121.75	2.737D 07	3711.97	2.213D 07	4762.63	3.152D 07
919.63	3.228D 03	1215.67	1.001D 05	3121.76	2.737D 07	3713.69	2.286D 07	4861.32	8.827D 06
920.16	3.260D 03	1216.42	1.006D 05	3169.76	2.685D 07	3716.95	2.328D 07	4892.89	2.514D 07
920.68	3.302D 03	1217.83	9.434D 04	3264.93	2.587D 07	3720.21	2.214D 07	4953.86	2.806D 07
920.96	3.326D 03	1219.25	9.773D 04	3365.99	2.488D 07	3721.94	2.076D 07	5016.38	2.748D 07
921.34	3.344D 03	1220.00	1.027D 05	3421.97	2.434D 07	3724.08	2.245D 07	5050.00	2.702D 07
922.06	3.383D 03	1223.41	1.402D 05	3421.87	2.434D 07	3728.14	2.339D 07	5123.58	2.595D 07
922.77	3.410D 03	1229.92	2.361D 05	3458.74	2.400D 07	3732.22	2.159D 07	5269.12	2.391D 07
923.15	3.426D 03	1236.50	3.638D 05	3530.87	2.334D 07	3734.37	1.897D 07	5423.16	2.191D 07
923.68	3.455D 03	1240.00	4.219D 05	3606.08	2.268D 07	3737.09	2.221D 07	5508.11	2.089D 07
924.69	3.477D 03	1249.96	6.293D 05	3647.05	2.232D 07	3742.24	2.390D 07	5665.32	1.917D 07
925.69	3.536D 03	1269.29	1.546D 06	3647.05	2.151D 07	3747.42	2.090D 07	5989.38	1.616D 07
926.22	3.556D 03	1289.23	3.110D 06	3649.67	2.146D 07	3750.15	1.617D 07	6352.76	1.340D 07
927.00	3.589D 03	1300.00	4.134D 06	3654.64	2.150D 07	3753.67	2.199D 07	6562.80	5.224D 06
928.48	3.561D 03	1316.23	5.742D 06	3659.62	2.159D 07	3760.36	2.535D 07	6797.77	1.087D 07
929.96	3.741D 03	1348.15	9.122D 06	3662.26	2.185D 07	3767.08	2.122D 07	7292.74	8.724D 06
930.75	3.780D 03	1381.65	1.281D 07	3665.27	2.205D 07	3770.63	1.398D 07	7865.45	6.851D 06
931.96	3.785D 03	1400.00	1.484D 07	3670.98	2.251D 07	3775.31	2.283D 07	8205.87	5.978D 06
934.26	3.708D 03	1419.35	2.074D 07	3676.71	2.295D 07	3784.22	2.783D 07	8205.87	6.504D 06
936.58	3.981D 03	1457.53	2.074D 07	3679.74	2.316D 07	3793.16	2.196D 07	8862.47	5.511D 06
937.80	4.122D 03	1497.83	2.440D 07	3680.27	2.321D 07	3797.90	1.212D 07	10448.64	3.113D 06
939.84	3.993D 03	1520.00	2.623D 07	3681.28	2.327D 07	3804.32	2.417D 07	12726.36	1.549D 06
943.74	4.050D 03	1545.12	2.819D 07	3682.28	2.332D 07	3816.55	3.169D 07	14380.00	9.982D 05
947.66	4.419D 03	1595.10	3.133D 07	3682.81	2.334D 07	3828.85	2.435D 07	15890.88	7.283D 05
949.74	4.920D 03	1648.41	3.390D 07	3683.50	2.339D 07	3835.38	1.141D 07	19843.04	3.177D 05
953.60	4.633D 03	1678.00	3.502D 07	3684.82	2.348D 07	3844.54	2.755D 07	26411.82	1.093D 05
961.00	5.128D 03	1723.39	3.636D 07	3686.13	2.350D 07	3862.03	3.679D 07	32000.00	5.232D 04
968.52	5.709D 03	1816.53	3.801D 07	3686.83	2.351D 07	3879.67	2.737D 07	34121.04	4.084D 04
972.54	6.695D 03	1920.32	3.875D 07	3687.64	2.357D 07	3889.05	1.116D 07	39024.39	2.428D 04
981.32	7.217D 03	1980.00	3.878D 07	3689.19	2.365D 07	3902.80	3.183D 07	45573.51	1.327D 04
998.42	1.050D 04	1991.74	3.875D 07	3690.73	2.360D 07	3929.14	4.236D 07	50000.00	9.237D 03
1016.12	1.390D 04	2014.39	3.869D 07	3691.55	2.356D 07	3955.84	3.269D 07	54724.75	6.484D 03
1025.72	1.406D 04	2037.56	3.859D 07	3692.52	2.365D 07	3970.07	1.114D 07	66666.67	2.984D 03
1037.82	1.976D 04	2050.00	3.853D 07	3694.35	2.372D 07	3992.20	3.831D 07	85275.25	1.128D 03

TEFF = 10000.0 LOG(G) = 2.50 X = 0.66667 Y = 0.33333

I	TAJ	TE	PG	PE	RHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	7.1800 03	1.1930-05	5.6180-06	1.4220-17	2.6520-01	-2.6170-01	-3.01120 02	1.0000 00	5.7040-03	9.5400-27
3	1.0000-07	7.1760 03	1.1760-04	5.5340-05	1.4020-16	2.6500-01	-2.6170-01	-3.0190 02	9.9990-01	5.7120-04	9.3160-29
5	1.0000-06	7.1930 03	1.1750-03	5.5250-05	1.3980-15	2.6480-01	-2.6170-01	-3.2850 02	9.9980-01	6.3100-05	1.2700-30
7	1.0000-05	7.1990 03	1.1790-02	5.5110-03	1.4090-14	2.6280-01	-2.6170-01	1.5510 02	9.8780-01	6.5560-06	1.4280-32
9	1.0000-04	7.6640 03	1.1770-01	5.4990-02	1.3320-13	2.6530-01	-2.6160-01	2.9860 00	9.7300-01	8.5450-06	4.4730-31
11	1.0000-03	7.8150 03	1.1300 00	4.9040-01	1.3230-12	2.8300-01	-2.6320-01	-7.47530-01	8.6250-01	2.0520-06	6.1790-32
13	1.3590-03	7.8210 03	1.5180 00	6.4400-01	1.8050-12	2.8840-01	-2.6480-01	-6.9670-01	8.2940-01	1.6100-06	3.9370-32
15	1.8480-03	7.8290 03	2.0320 00	8.3960-01	2.4610-12	2.9520-01	-2.6890-01	-6.1480-01	7.9240-01	1.2860-06	2.6290-32
17	2.5120-03	7.8400 03	2.7100 00	1.0870 00	3.3470-12	3.0390-01	-2.6890-01	-5.2590-01	7.5290-01	1.0500-06	1.8670-32
19	3.4150-03	7.8560 03	3.5980 00	1.3960 00	4.5320-12	3.1510-01	-2.6440-01	-4.2510-01	7.1270-01	8.8340-07	1.4420-32
21	4.6420-03	7.8770 03	4.7520 00	1.7800 00	6.0970-12	3.2960-01	-2.6790-01	-3.2190-01	6.7400-01	7.6930-07	1.2320-32
23	6.3100-03	7.9070 03	6.2340 00	2.2590 00	8.1250-12	3.4880-01	-2.6590-01	-2.5600-01	6.3940-01	7.0090-07	1.2060-32
25	8.5770-03	7.9480 03	8.1070 00	2.8570 00	1.0680-11	3.7500-01	-2.8820-01	-2.0950-01	6.1210-01	6.7890-07	1.2420-32
27	1.1660-02	8.0070 03	1.0430 01	3.6090 00	1.3770-11	4.1160-01	-2.6520-01	-1.6540-01	5.9530-01	7.1170-07	2.1520-32
29	1.5350-02	8.0860 03	1.3250 01	4.5620 00	1.7360-11	4.6220-01	-2.6520-01	-1.0290-01	5.9100-01	8.1630-07	4.3130-32
31	2.1540-02	8.1650 03	1.6570 01	5.7600 00	2.1350-11	5.3000-01	-2.6350-01	-2.3910-02	5.9940-01	1.0240-06	1.1430-31
33	2.9290-02	8.3030 03	2.0410 01	7.2410 00	2.5630-11	6.1630-01	-1.0930-01	5.4050-02	6.1870-01	1.3860-06	3.8180-31
35	3.9810-02	8.4380 03	2.4800 01	9.0490 00	3.0170-11	7.2190-01	-1.2760-01	1.3180-01	6.4640-01	1.9930-06	1.5320-30
37	5.4120-02	8.5900 03	2.9820 01	1.1250 01	3.4930-11	8.4860-01	-3.0340-01	1.5980-01	6.8160-01	3.0510-06	7.4230-30
39	7.3560-02	8.7620 03	3.5450 01	1.3880 01	3.9800-11	9.9470-01	3.5200-01	2.0560-01	7.2350-01	4.9930-06	4.3890-29
41	1.0000-01	8.9510 03	4.1810 01	1.5960 01	4.4870-11	1.1540 00	1.0150 00	1.3470-01	7.6770-01	8.5720-06	2.9780-28
43	1.2590-01	9.1120 03	4.7160 01	1.9640 01	4.8820-11	1.2820 00	1.0940 00	6.9590-02	8.0700-01	1.3570-05	1.4760-27
45	1.5850-01	9.2840 03	5.3260 01	2.2700 01	5.3210-11	1.4120 00	7.7710-01	-6.3340-02	8.3560-01	2.1970-05	7.8210-27
47	1.9950-01	9.4840 03	6.0260 01	2.6260 01	5.7940-11	1.5440 00	3.1700-01	-2.3130-01	8.5900-01	3.8290-05	5.2130-26
49	2.5120-01	9.7630 03	6.8400 01	3.0370 01	6.3340-11	1.6710 00	1.2010-01	-2.8770-01	8.9850-01	6.9310-05	3.9050-25
51	3.1620-01	9.9480 03	7.7950 01	3.5150 01	6.9530-11	1.7900 00	-1.3350-01	4.2160-02	9.2400-01	1.3140-04	3.3790-24
53	3.9810-01	1.0220 04	8.9250 01	4.0730 01	7.6720-11	1.8980 00	2.1450-01	5.7490-01	9.4450-01	2.6050-04	3.3550-23
55	5.0120-01	1.0510 04	1.0270 02	4.7290 01	8.5250-11	2.0010 00	3.1050-01	6.5180-01	9.5970-01	5.1610-04	3.3250-22
57	6.3100-01	1.0810 04	1.1890 02	5.5060 01	9.5440-11	2.1090 00	2.5410-01	4.9840-02	9.7050-01	1.0030-03	3.1150-21
59	7.9430-01	1.1130 04	1.3830 02	6.4350 01	1.0740-10	2.2160 00	-2.1900-02	-9.6500-01	9.7880-01	1.9840-03	3.0850-20
61	1.0000 00	1.1470 04	1.6170 02	7.5520 01	1.2150-10	2.3270 00	-2.6560-01	-1.2360 00	9.8480-01	3.9330-03	3.0910-19
63	1.2590 00	1.1830 04	1.9000 02	8.8930 01	1.3810-10	2.4530 00	-3.5360-01	7.6890-02	9.8900-01	7.5580-03	2.8260-18
65	1.5850 00	1.2210 04	2.2390 02	1.0500 02	1.5750-10	2.5880 00	-6.4650-02	6.1420-01	9.9200-01	1.4420-02	2.5450-17
67	1.9950 00	1.2590 04	2.6460 02	1.2430 02	1.8000-10	2.7390 00	9.9670-02	1.3280 00	9.9410-01	2.6770-02	2.1320-16
69	2.5120 00	1.3030 04	3.1330 02	1.4760 02	2.0580-10	2.8920 00	-2.6510-01	5.8550-01	9.9530-01	5.0360-02	1.9080-15
71	3.1620 00	1.3480 04	3.7180 02	1.7570 02	2.3500-10	3.0590 00	-2.1130-01	-1.1100 00	9.9630-01	9.3870-02	1.7390-14
73	3.9810 00	1.3940 04	4.4140 02	2.0960 02	2.6880-10	3.2720 00	1.4870-01	-7.8200-01	9.9700-01	1.5870-01	1.2400-13
75	5.0120 00	1.4410 04	5.2340 02	2.5000 02	3.0670-10	3.5200 00	-3.3910-02	-1.0670-01	9.9750-01	2.4980-01	7.6950-13
77	6.3100 00	1.4910 04	6.1950 02	2.9830 02	3.4810-10	3.7860 00	-3.3450-01	4.9870-01	9.8800-01	3.7390-01	4.6860-12
79	7.9430 00	1.5460 04	7.3220 02	3.5570 02	3.9360-10	4.0680 00	-4.0250-02	4.6360-01	9.9840-01	5.1730-01	2.6250-11
81	1.0000 01	1.6000 04	8.6450 02	4.2330 02	4.4560-10	4.3790 00	2.7100-01	4.8220-01	9.9880-01	6.4740-01	1.2040-10
83	1.2590 01	1.6560 04	1.0200 03	5.0290 02	5.0400-10	4.6820 00	5.5200-02	-7.9450-01	9.9900-01	7.6010-01	5.2230-10
85	1.5850 01	1.7180 04	1.2040 03	5.9630 02	5.7160-10	4.9890 00	-1.5440-01	-3.5720-01	9.9910-01	8.3830-01	2.0070-09
87	1.9950 01	1.7830 04	1.4230 03	7.0680 02	6.4900-10	5.2890 00	-2.4400-01	9.4540-02	9.9920-01	8.9370-01	7.4380-09
89	2.5120 01	1.8470 04	1.6830 03	8.3770 02	7.3920-10	5.6180 00	-1.7310-02	4.0270-01	9.9920-01	9.2970-01	2.4750-08
91	3.1620 01	1.9170 04	1.9920 03	9.9320 02	8.4230-10	5.9490 00	3.4480-01	-2.9000-01	9.9920-01	9.5450-01	8.1120-08
93	3.9810 01	1.9880 04	2.3600 03	1.1780 03	9.6150-10	6.3120 00	6.5490-02	2.6400-02	9.9930-01	9.7000-01	2.4670-07
95	5.0120 01	2.0650 04	2.7980 03	1.3970 03	1.0970-09	6.6750 00	-1.3650-02	1.4570-01	9.9930-01	9.8040-01	7.5280-07
97	6.3100 01	2.1470 04	3.3200 03	1.5580 03	1.2510-09	7.0410 00	-1.7380-01	1.4890-02	9.9930-01	9.8740-01	2.2880-06
99	7.9430 01	2.2330 04	3.9430 03	1.9700 03	1.4280-09	7.4380 00	-9.9360-02	-7.7030-02	9.9940-01	9.9170-01	6.6280-06

TFE = 10000.0 LOG(G) = 2.50 X = 0.66667 Y = 0.33333

-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	8.980D-04	1061.56	2.782D 05	2050.00	3.543D 07	3696.18	1.893D 07	4034.83	4.644D 07
546.43	9.394D-03	1085.41	1.089D 06	2127.72	3.439D 07	3697.15	1.904D 07	4078.38	4.443D 07
549.38	8.846D-01	1100.00	1.833D 06	2292.47	3.226D 07	3698.31	1.934D 07	4101.73	1.669D 07
830.11	7.108D 01	1112.26	2.722D 06	2484.88	2.992D 07	3700.50	2.060D 07	4141.06	4.342D 07
911.76	6.369D 02	1135.26	4.977D 06	2600.00	2.862D 07	3702.69	1.888D 07	4217.72	4.159D 07
911.76	6.887D 02	1161.33	7.394D 06	2600.00	2.862D 07	3703.85	1.837D 07	4297.27	3.935D 07
913.07	2.959D 03	1175.00	8.243D 06	2677.27	2.782D 07	3705.25	1.987D 07	4340.46	1.574D 07
915.54	3.110D 03	1181.83	8.206D 06	2837.09	2.625D 07	3707.91	2.453D 07	4422.28	3.651D 07
918.03	3.408D 03	1194.99	5.803D 06	3012.75	2.473D 07	3710.55	1.963D 07	4586.15	3.300D 07
919.35	3.533D 03	1208.45	3.156D 05	3121.70	2.380D 07	3711.97	1.800D 07	4762.63	2.963D 07
919.63	3.537D 03	1215.57	1.254D 05	3121.76	2.380D 07	3713.69	2.096D 07	4861.32	1.267D 07
920.19	3.594D 03	1216.42	1.262D 05	3169.76	2.339D 07	3716.95	2.724D 07	4892.89	2.715D 07
920.68	3.649D 03	1217.83	1.445D 05	3266.93	2.262D 07	3720.21	2.068D 07	4953.86	2.647D 07
920.90	3.673D 03	1219.25	1.781D 05	3365.99	2.184D 07	3721.94	1.747D 07	5016.38	2.555D 07
921.34	3.704D 03	1220.00	2.055D 05	3421.87	2.142D 07	3724.08	2.242D 07	5050.00	2.507D 07
922.06	3.751D 03	1223.41	4.152D 05	3421.87	2.142D 07	3728.14	3.079D 07	5123.58	2.404D 07
922.77	3.816D 03	1229.92	3.399D 06	3458.74	2.115D 07	3732.22	2.295D 07	5269.12	2.215D 07
923.15	3.849D 03	1236.50	8.394D 06	3530.87	2.069D 07	3734.37	1.743D 07	5423.16	2.034D 07
923.68	3.890D 03	1240.00	1.063D 07	3606.08	2.009D 07	3737.09	2.529D 07	5508.11	1.942D 07
924.69	3.985D 03	1249.96	1.519D 07	3647.05	1.980D 07	3742.24	3.506D 07	5665.32	1.786D 07
925.69	4.052D 03	1269.29	2.025D 07	3647.05	1.902D 07	3747.42	2.552D 07	5989.38	1.510D 07
926.22	4.095D 03	1289.23	2.355D 07	3649.67	1.904D 07	3750.15	1.726D 07	6352.76	1.262D 07
927.00	4.155D 03	1300.00	2.499D 07	3654.64	1.979D 07	3753.67	2.875D 07	6562.80	6.908D 06
928.48	4.330D 03	1316.23	2.687D 07	3659.62	2.135D 07	3760.36	3.972D 07	6797.77	1.024D 07
929.96	4.385D 03	1348.15	2.996D 07	3665.26	2.218D 07	3767.08	2.986D 07	7292.74	8.221D 06
930.75	4.446D 03	1381.65	3.253D 07	3665.27	2.279D 07	3770.63	1.749D 07	7865.45	6.471D 06
931.96	4.574D 03	1400.00	3.370D 07	3670.98	2.228D 07	3775.31	3.393D 07	8205.87	5.650D 06
934.26	4.897D 03	1419.35	3.456D 07	3676.71	2.098D 07	3784.22	4.416D 07	8205.87	6.167D 06
936.58	4.993D 03	1457.53	3.631D 07	3679.74	2.058D 07	3793.16	3.429D 07	8862.47	5.229D 06
937.80	5.050D 03	1497.83	3.764D 07	3680.27	2.044D 07	3797.90	1.746D 07	10448.64	2.962D 06
939.84	5.411D 03	1520.00	3.819D 07	3681.28	2.042D 07	3804.32	3.883D 07	12726.36	1.477D 06
943.74	5.981D 03	1545.12	3.853D 07	3682.28	2.018D 07	3816.55	4.739D 07	14380.00	9.534D 05
947.66	6.218D 03	1595.10	3.911D 07	3682.81	2.024D 07	3828.85	3.999D 07	15890.88	6.964D 05
949.74	6.108D 03	1648.41	3.934D 07	3683.50	2.019D 07	3835.38	1.777D 07	19843.04	3.053D 05
953.60	7.196D 03	1678.00	3.932D 07	3684.82	2.054D 07	3844.54	4.410D 07	26411.82	1.056D 05
961.00	8.671D 03	1723.39	3.901D 07	3686.13	1.983D 07	3862.03	4.930D 07	32000.00	5.069D 04
968.52	9.677D 03	1816.53	3.822D 07	3686.83	1.995D 07	3879.67	4.380D 07	34121.04	3.962D 04
972.54	8.730D 03	1920.32	3.712D 07	3687.64	1.993D 07	3889.05	1.734D 07	39024.39	2.361D 04
981.32	1.401D 04	1980.00	3.636D 07	3689.19	2.086D 07	3902.80	4.664D 07	45573.51	1.295D 04
998.42	5.109D 04	1991.74	3.621D 07	3690.73	1.930D 07	3929.14	4.894D 07	50000.00	9.033D 03
1016.12	4.905D 04	2014.39	3.591D 07	3691.55	1.942D 07	3955.84	4.602D 07	54724.75	6.356D 03
1025.72	1.762D 04	2037.56	3.560D 07	3692.52	1.942D 07	3970.07	1.758D 07	66666.67	2.940D 03
1037.82	3.826D 04	2050.00	3.543D 07	3694.35	2.154D 07	3992.20	4.671D 07	85275.25	1.120D 03

TEFF = 10000.0 LOG(G) = 3.00 X = 0.66567 Y = 0.33333											
I	TAJ	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	7.2010 03	3.8240-05	1.8000-05	4.5430-17	2.6510-01	-1.2520-01	-3.9120 02	1.0000 00	2.0240-03	1.3810-27
3	1.0000-07	7.1860 03	3.7620-04	1.7700-04	4.4800-16	2.6490-01	-1.2520-01	-3.9040 02	9.9960-01	1.8930-04	1.0920-29
5	1.0000-06	7.1570 03	3.7610-03	1.7660-03	4.5060-15	2.6410-01	-1.2520-01	-3.3610 02	9.9540-01	1.5950-05	6.3580-32
7	1.0000-05	7.4440 03	3.7950-02	1.7690-02	4.4010-14	2.6310-01	-1.2520-01	-1.0660 00	9.8240-01	8.0120-06	1.0140-31
9	1.0000-04	7.7530 03	3.7520-01	1.7060-01	4.2660-13	2.6970-01	-1.2500-01	-2.0060 00	9.3780-01	4.3320-06	1.9400-31
11	1.0000-03	7.8160 03	3.4430 00	1.3210 00	4.3890-12	3.0570-01	-1.3290-01	-4.2430 00	7.0010-02	7.6500-07	8.6280-33
13	1.3590-03	7.8190 03	4.5870 00	1.6800 00	6.0090-12	3.1430-01	-1.3260-01	-4.0190 00	6.4990-01	6.1310-07	5.6590-33
15	1.8480-03	7.8260 03	6.0930 00	2.1190 00	8.2090-12	3.2460-01	-1.2780-01	-3.7860 00	5.9970-01	5.0110-07	3.9150-33
17	2.5120-03	7.8360 03	8.0690 00	2.6550 00	1.1160-11	3.3730-01	-1.1290-01	-3.5320 00	5.5190-01	4.2090-07	2.9300-33
19	3.4150-03	7.8530 03	1.0630 01	3.3130 00	1.5060-11	3.5410-01	-9.8280-02	-3.2440 00	5.0930-01	3.6770-07	2.4650-33
21	4.6420-03	7.8610 03	1.3910 01	4.1270 00	2.0070-11	3.7760-01	-1.0690-01	-2.9080 00	4.7440-01	3.3870-07	2.4450-33
23	6.3100-03	7.9240 03	1.8050 01	5.1510 00	2.6300-11	4.1130-01	-1.3830-01	-2.5310 00	4.4940-01	3.3410-07	3.0110-33
25	8.5770-03	7.9850 03	2.3110 01	6.4530 00	3.3710-11	4.6010-01	-1.4690-01	-2.0990 00	4.3590-01	3.5760-07	4.8100-33
27	1.1560-02	8.0640 03	2.9150 01	8.1120 00	4.2160-11	5.2830-01	-1.3880-01	-1.6170 00	4.3390-01	4.1510-07	9.9480-33
29	1.5850-02	8.1610 03	3.6190 01	1.0290 01	5.1470-11	6.1960-01	-8.6590-02	-1.1320 00	4.4170-01	5.1680-07	2.5630-32
31	2.1540-02	8.2710 03	4.4220 01	1.2790 01	6.1430-11	7.3620-01	-5.5810-02	-7.4980-01	4.5760-01	6.7830-07	7.7540-32
33	2.9290-02	8.3910 03	5.3340 01	1.5950 01	7.2020-11	9.8100-01	-6.9550-02	-5.5270-01	4.7980-01	9.2480-07	2.6270-31
35	3.9310-02	8.5260 03	6.3580 01	1.9820 01	8.2860-11	1.0620 00	-7.9360-03	-4.9770-01	5.0960-01	1.3250-06	1.0340-30
37	5.4120-02	8.6790 03	7.4910 01	2.4550 01	9.3780-11	1.2880 00	1.9170-01	-4.9280-01	5.4850-01	2.0150-06	4.8930-30
39	7.3560-02	8.8520 03	8.7490 01	3.0310 01	1.0440-10	1.5630 00	4.1930-01	-5.8210-01	5.9630-01	3.2700-06	2.8170-29
41	1.0000-01	9.0420 03	1.0150 02	3.7190 01	1.1510-10	1.8810 00	6.3530-01	-5.8340-01	6.4910-01	5.5400-06	1.8380-28
43	1.2590-01	9.2060 03	1.1310 02	4.3180 01	1.2280-10	2.1520 00	5.9390-01	-5.7350-01	6.9430-01	8.7440-06	9.0540-28
45	1.5350-01	9.3880 03	1.2590 02	5.0010 01	1.3060-10	2.4400 00	4.4900-01	-1.9720-01	7.4140-01	1.4430-05	5.0980-27
47	1.9950-01	9.5890 03	1.4000 02	5.7700 01	1.3870-10	2.7310 00	2.7700-01	-2.8130-01	7.8860-01	2.4970-05	3.3130-26
49	2.5120-01	9.8080 03	1.5590 02	6.6300 01	1.4770-10	3.0120 00	2.4730-01	-4.4750-01	9.3210-01	4.4590-05	2.3600-25
51	3.1620-01	1.0050 04	1.7420 02	7.5980 01	1.5800-10	3.2740 00	3.0720-01	-6.0250-01	8.7040-01	8.2220-05	1.8490-24
53	3.9910-01	1.0300 04	1.9540 02	8.6960 01	1.7020-10	3.5110 00	3.6730-01	-1.2830 00	9.0190-01	1.5470-04	1.5380-23
55	5.0120-01	1.0580 04	2.2060 02	9.9710 01	1.8450-10	3.7240 00	5.7260-01	-1.3050 00	9.2810-01	3.0360-04	1.4610-22
57	6.3100-01	1.0880 04	2.5060 02	1.1460 02	2.0200-10	3.9250 00	6.1170-01	-1.6190 00	9.4760-01	5.9330-04	1.3690-21
59	7.9430-01	1.1210 04	2.6670 02	1.3220 02	2.2280-10	4.3120 00	2.7330-01	-2.0490 00	9.6250-01	1.1830-03	1.3110-19
61	1.0000 00	1.1550 04	3.3040 02	1.5320 02	2.4790-10	4.5330 00	-1.5530-01	-2.3350 00	9.7300-01	2.3230-03	1.3110-19
63	1.2590 00	1.1900 04	3.8300 02	1.7840 02	2.7800-10	4.5330 00	-2.4780-01	-1.1150 00	9.8020-01	4.4160-03	1.1410-18
65	1.5850 00	1.2260 04	4.4610 02	2.0840 02	3.1320-10	4.7700 00	-4.3210-02	-9.3720-01	9.8550-01	8.3350-03	9.7600-18
67	1.9950 00	1.2650 04	5.2190 02	2.4440 02	3.5460-10	5.0320 00	-6.5050-02	-2.9080-01	9.8920-01	1.5420-02	7.9120-17
69	2.5120 00	1.3070 04	6.1280 02	2.8760 02	4.0210-10	5.2920 00	-2.7090-01	-8.6980-01	9.9150-01	2.9150-02	6.9640-16
71	3.1620 00	1.3530 04	7.2230 02	3.4000 02	4.5670-10	5.5720 00	-6.4010-02	-2.3600 00	9.9340-01	5.5100-02	6.3030-15
73	3.9910 00	1.3980 04	8.5260 02	4.0260 02	5.2040-10	5.9360 00	-2.5180-01	-2.4390 00	9.9470-01	9.4430-02	4.3530-14
75	5.0120 00	1.4430 04	1.0060 03	4.7740 02	5.9250-10	6.3650 00	-6.3870-02	-2.1690 00	9.9570-01	1.5390-01	2.7090-13
77	6.3100 00	1.4930 04	1.1880 03	5.6680 02	6.7190-10	6.8200 00	-1.9260-01	-1.9550 00	9.9660-01	2.4380-01	1.6930-12
79	7.9430 00	1.5460 04	1.4000 03	6.7350 02	7.5970-10	7.3270 00	-9.8720-02	-2.1780 00	9.9740-01	3.6240-01	9.8060-12
81	1.0000 01	1.5990 04	1.6490 03	7.9990 02	8.5860-10	7.9020 00	-1.5190-01	-1.3810 00	9.9790-01	4.9060-01	4.7340-11
83	1.2590 01	1.6560 04	1.9410 03	9.4880 02	9.6810-10	9.4960 00	-5.4060-02	-1.6760 00	9.9840-01	6.2090-01	2.1480-10
85	1.5850 01	1.7130 04	2.2830 03	1.1230 03	1.0940-09	9.1230 00	1.1300-01	-1.5710 00	9.9850-01	7.2480-01	8.2420-09
87	1.9950 01	1.7740 04	2.6860 03	1.3270 03	1.2380-09	9.7520 00	4.3300-01	-3.3400 00	9.9860-01	8.0630-01	2.9520-09
89	2.5120 01	1.8370 04	3.1610 03	1.5680 03	1.4020-09	1.0390 01	-1.5590-01	-2.7860 00	9.9960-01	8.6730-01	9.9890-09
91	3.1620 01	1.9050 04	3.7250 03	1.8520 03	1.5880-09	1.1010 01	7.7390-01	-2.5970 00	9.9870-01	9.1220-01	3.3550-08
93	3.9910 01	1.9750 04	4.3940 03	2.1890 03	1.8050-09	1.1690 01	-2.9470-02	-2.2470 00	9.9880-01	9.4140-01	1.0340-07
95	5.0120 01	2.0500 04	5.1900 03	2.5880 03	2.0510-09	1.2370 01	3.3230-02	-1.6580 00	9.9880-01	9.6160-01	3.1690-07
97	6.3100 01	2.1280 04	6.1370 03	3.0630 03	2.3350-09	1.3120 01	-2.5580-01	-3.1360 00	9.9890-01	9.7440-01	9.0940-07
99	7.9430 01	2.2100 04	7.2620 03	3.6260 03	2.6590-09	1.3890 01	8.1130-02	-2.4310 00	9.9900-01	9.8300-01	2.5790-06

TFF = 10000.0 LOG(G) = 3.00 X = 0.66667 Y = 0.33333									
_AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	8.142D-04	1061.56	8.098D 04	2050.00	3.568D 07	3696.18	1.922D 07	4034.83	4.797D 07
546.43	9.129D-03	1065.41	3.263D 05	2127.72	3.468D 07	3697.15	1.933D 07	4078.38	4.509D 07
549.38	8.274D-01	1100.00	6.459D 05	2292.47	3.259D 07	3698.31	1.961D 07	4101.73	1.554D 07
800.11	6.362D 01	1112.26	1.052D 06	2484.88	3.026D 07	3700.50	2.146D 07	4141.06	4.475D 07
911.76	5.845D 02	1136.26	2.207D 06	2600.00	2.898D 07	3702.69	1.891D 07	4217.72	4.313D 07
911.76	5.842D 02	1161.33	3.666D 06	2600.00	2.898D 07	3703.85	1.861D 07	4297.27	4.058D 07
913.07	2.476D 03	1175.20	4.082D 06	2677.27	2.817D 07	3705.25	1.962D 07	4340.46	1.472D 07
915.54	2.965D 03	1181.83	3.901D 06	2837.09	2.657D 07	3707.91	2.295D 07	4422.28	3.773D 07
918.03	3.322D 03	1194.99	2.054D 06	3017.20	2.509D 07	3710.55	1.912D 07	4586.15	3.405D 07
919.35	3.466D 03	1208.45	2.146D 05	3121.75	2.412D 07	3711.97	1.798D 07	4762.63	3.046D 07
919.63	3.489D 03	1215.67	1.199D 05	3121.76	2.412D 07	3713.69	2.015D 07	4861.32	1.206D 07
920.16	3.525D 03	1216.42	1.206D 05	3169.76	2.371D 07	3716.95	2.440D 07	4892.89	2.760D 07
920.68	3.579D 03	1217.83	1.306D 05	3264.93	2.292D 07	3720.21	1.949D 07	4953.86	2.716D 07
920.96	3.607D 03	1219.25	1.513D 05	3365.99	2.211D 07	3721.94	1.705D 07	5016.38	2.622D 07
921.34	3.641D 03	1220.00	1.659D 05	3421.87	2.168D 07	3724.08	2.036D 07	5050.00	2.571D 07
922.06	3.687D 03	1223.41	2.568D 05	3458.74	2.139D 07	3732.22	2.088D 07	5269.12	2.268D 07
922.77	3.745D 03	1229.92	9.783D 05	3530.87	2.085D 07	3734.37	1.667D 07	5423.16	2.081D 07
923.15	3.775D 03	1236.50	3.336D 06	3606.08	2.030D 07	3737.09	2.277D 07	5508.11	1.986D 07
923.68	3.815D 03	1240.00	4.973D 06	3647.05	2.001D 07	3742.24	3.086D 07	5665.32	1.823D 07
924.69	3.901D 03	1249.96	9.004D 06	3649.67	1.920D 07	3747.42	2.266D 07	5989.38	1.539D 07
925.69	3.966D 03	1269.29	1.427D 07	3649.67	1.919D 07	3750.15	1.623D 07	6352.76	1.284D 07
926.22	4.004D 03	1289.23	1.795D 07	3659.62	1.965D 07	3753.67	2.526D 07	6562.80	6.720D 06
927.00	4.060D 03	1300.00	1.961D 07	3659.62	2.070D 07	3760.36	3.554D 07	6797.77	1.040D 07
928.48	4.194D 03	1316.23	2.191D 07	3663.26	2.137D 07	3767.08	2.610D 07	7292.74	8.335D 06
929.96	4.274D 03	1348.15	2.571D 07	3665.27	2.206D 07	3770.63	1.626D 07	7865.45	6.551D 06
930.75	4.331D 03	1381.65	2.893D 07	3670.98	2.270D 07	3775.31	2.970D 07	8205.87	5.717D 06
931.96	4.431D 03	1400.00	3.042D 07	3676.71	2.218D 07	3784.22	4.074D 07	8205.87	6.282D 06
934.26	4.661D 03	1419.35	3.173D 07	3679.74	2.164D 07	3793.16	3.004D 07	8862.47	5.323D 06
936.58	4.737D 03	1457.53	3.402D 07	3679.74	2.164D 07	3797.90	1.614D 07	10448.64	3.005D 06
937.80	4.874D 03	1497.83	3.583D 07	3680.27	2.148D 07	3804.32	3.461D 07	12726.36	1.494D 06
939.84	5.113D 03	1520.00	3.661D 07	3681.28	2.131D 07	3816.55	4.561D 07	14380.00	9.630D 05
943.74	5.591D 03	1545.12	3.710D 07	3682.81	2.109D 07	3828.85	3.591D 07	15890.88	7.043D 05
947.66	5.817D 03	1595.10	3.811D 07	3682.81	2.106D 07	3835.38	1.634D 07	19843.04	3.079D 05
949.74	5.873D 03	1548.41	3.868D 07	3683.50	2.094D 07	3844.54	4.102D 07	26411.82	1.063D 05
953.60	6.584D 03	1678.00	3.882D 07	3684.82	2.093D 07	3862.03	4.899D 07	32000.00	5.095D 04
961.00	7.707D 03	1723.39	3.863D 07	3685.13	2.046D 07	3879.67	4.093D 07	34121.04	3.980D 04
968.52	8.585D 03	1816.53	3.812D 07	3685.83	2.050D 07	3889.05	1.620D 07	39024.39	2.370D 04
972.54	8.293D 03	1920.32	3.722D 07	3687.64	2.041D 07	3902.80	4.535D 07	45573.51	1.299D 04
981.32	1.146D 04	1980.00	3.654D 07	3689.19	2.074D 07	3929.14	4.992D 07	50000.00	9.054D 03
998.42	2.659D 04	1991.74	3.641D 07	3690.73	1.978D 07	3955.84	4.528D 07	54724.75	6.367D 03
1016.12	1.698D 04	2014.39	3.613D 07	3691.55	1.987D 07	3970.07	1.627D 07	66666.67	2.942D 03
1025.72	2.358D 04	2037.56	3.584D 07	3692.52	1.983D 07	3992.20	4.731D 07	85275.25	1.120D 03
1037.82	3.362D 04	2050.00	3.568D 07	3694.35	2.092D 07				

TEFF = 1000.0 LOG(G) = 3.50 X = 0.66667 Y = 0.33333

I	TAJ	TE	PG	PE	RHO	KAPZ	DF (%)	D	TE	XH2	XHE2	XHE3
1	1.0000-08	7.227D 03	1.214D-04	5.714D-05	1.438D-16	2.650D-01	-1.504D-01	-3.926D	02	9.999D-01	7.444D-04	2.223D-28
3	1.0000-07	7.232D 03	1.194D-03	5.616D-04	1.413D-15	2.648D-01	-1.504D-01	-3.929D	02	9.989D-01	7.793D-05	2.514D-30
5	1.0000-06	7.230D 03	1.196D-02	5.594D-03	1.423D-14	2.631D-01	-1.504D-01	-3.908D	02	9.988D-01	7.731D-06	2.430D-32
7	1.0000-05	7.524D 03	1.211D-01	5.569D-02	1.404D-13	2.621D-01	-1.504D-01	-1.276D	01	9.584D-01	4.005D-06	4.244D-32
9	1.0000-04	7.806D 03	1.167D 00	5.045D-01	1.373D-12	2.827D-01	-1.501D-01	5.025D-02		8.560D-01	1.907D-06	5.074D-32
11	1.0000-03	7.784D 03	1.031D 01	3.073D 00	1.502D-11	3.258D-01	-2.277D-01	1.661D-02		4.778D-01	2.806D-07	9.697D-34
13	1.359D-03	7.787D 03	1.372D 01	3.784D 00	2.063D-11	3.350D-01	-2.340D-01	-1.715D-02		4.282D-01	2.308D-07	6.656D-34
15	1.848D-03	7.795D 03	1.822D 01	4.644D 00	2.815D-11	3.475D-01	-1.705D-01	-5.312D-02		3.848D-01	1.963D-07	5.050D-34
17	2.512D-03	7.813D 03	2.407D 01	5.702D 00	3.799D-11	3.661D-01	-1.108D-01	-8.848D-02		3.493D-01	1.748D-07	4.437D-34
19	3.415D-03	7.844D 03	3.151D 01	7.024D 00	5.054D-11	3.944D-01	-1.407D-01	-1.237D-01		3.227D-01	1.556D-07	4.741D-34
21	4.642D-03	7.892D 03	4.076D 01	8.712D 00	6.563D-11	4.370D-01	-2.034D-01	-1.602D-01		3.058D-01	1.689D-07	6.441D-34
23	6.310D-03	7.958D 03	5.193D 01	1.089D 01	8.334D-11	4.994D-01	-1.929D-01	-2.066D-01		2.985D-01	1.868D-07	1.137D-33
25	8.577D-03	8.043D 03	6.498D 01	1.368D 01	1.031D-10	5.865D-01	-1.888D-01	-1.999D-01		3.000D-01	2.226D-07	2.554D-33
27	1.156D-02	8.141D 03	7.990D 01	1.717D 01	1.245D-10	7.009D-01	-1.817D-01	-3.223D-01		3.080D-01	2.797D-07	6.753D-33
29	1.585D-02	8.244D 03	9.693D 01	2.145D 01	1.480D-10	8.423D-01	-1.079D-01	-3.596D-01		3.196D-01	3.595D-07	1.907D-32
31	2.154D-02	8.351D 03	1.160D 02	2.653D 01	1.731D-10	1.012D 00	-5.202D-02	-3.855D-01		3.337D-01	4.671D-07	5.507D-32
33	2.929D-02	8.471D 03	1.374D 02	3.286D 01	1.995D-10	1.229D 00	-9.440D-02	-3.587D-01		3.536D-01	6.330D-07	1.815D-31
35	3.981D-02	8.605D 03	1.611D 02	4.073D 01	2.261D-10	1.509D 00	-9.930D-02	-3.090D-01		3.807D-01	9.001D-07	6.984D-31
37	5.412D-02	8.754D 03	1.872D 02	5.041D 01	2.525D-10	1.864D 00	-1.024D-01	-2.500D-01		4.146D-01	1.335D-06	3.031D-30
39	7.356D-02	8.927D 03	2.155D 02	6.251D 02	2.770D-10	2.329D 00	5.429D-01	-1.748D-01		4.596D-01	2.125D-06	1.654D-29
41	1.0000-01	9.114D 03	2.462D 02	7.693D 01	3.002D-10	2.890D 00	5.689D-01	-1.293D-01		5.112D-01	3.503D-06	9.953D-29
43	1.259D-01	9.271D 03	2.710D 02	8.967D 01	3.162D-10	3.391D 00	5.948D-01	-7.151D-02		5.562D-01	5.313D-06	4.340D-28
45	1.585D-01	9.448D 03	2.976D 02	1.045D 02	3.304D-10	3.970D 00	4.333D-01	9.267D-03		6.085D-01	8.535D-06	2.620D-27
47	1.995D-01	9.645D 03	3.262D 02	1.211D 02	3.436D-10	4.600D 00	9.748D-02	7.453D-02		6.347D-01	1.433D-05	1.344D-26
49	2.512D-01	9.874D 03	3.573D 02	1.402D 02	3.553D-10	5.269D 00	-1.280D-01	3.757D-01		7.264D-01	2.607D-05	1.022D-25
51	3.122D-01	1.031D 04	3.917D 02	1.607D 02	3.692D-10	5.895D 00	1.255D-01	3.523D-01		7.824D-01	4.800D-05	7.974D-25
53	3.981D-01	1.037D 04	4.305D 02	1.830D 02	3.858D-10	6.455D 00	9.425D-02	2.258D-01		8.315D-01	9.022D-05	6.573D-24
55	5.012D-01	1.064D 04	4.758D 02	2.078D 02	4.069D-10	6.948D 00	1.260D-01	3.081D-02		8.724D-01	1.716D-04	5.597D-23
57	6.310D-01	1.094D 04	5.291D 02	2.359D 02	4.333D-10	7.379D 00	-6.032D-02	-3.212D-01		9.052D-01	3.304D-04	4.935D-22
59	7.943D-01	1.126D 04	5.928D 02	2.685D 02	4.654D-10	7.750D 00	-1.238D-01	-3.583D-01		9.317D-01	6.605D-04	4.900D-21
61	1.0000 00	1.160D 04	6.696D 02	3.068D 02	5.055D-10	8.093D 00	-2.110D-01	-3.608D-01		9.510D-01	1.312D-03	4.779D-20
63	1.259D 00	1.196D 04	7.626D 02	3.521D 02	5.548D-10	8.442D 00	-9.293D-02	-2.595D-01		9.648D-01	2.565D-03	4.458D-19
65	1.585D 00	1.232D 04	8.750D 02	4.062D 02	6.151D-10	8.840D 00	-1.116D-01	-8.504D-02		9.741D-01	4.809D-03	3.667D-18
67	1.995D 00	1.271D 04	1.010D 03	4.709D 02	6.863D-10	9.253D 00	-2.112D-01	1.319D-01		9.807D-01	9.039D-03	3.063D-17
69	2.512D 00	1.312D 04	1.174D 03	5.486D 02	7.702D-10	9.691D 00	-1.998D-01	2.586D-01		1.693D-02	2.558D-02	2.558D-16
71	3.162D 00	1.356D 04	1.370D 03	6.423D 02	8.677D-10	1.018D 01	-5.310D-02	2.898D-01		9.884D-01	3.148D-02	2.124D-15
73	3.981D 00	1.401D 04	1.606D 03	7.551D 02	9.820D-10	1.077D 01	2.764D-02	-1.278D-02		9.910D-01	5.556D-02	1.536D-14
75	5.012D 00	1.448D 04	1.886D 03	8.899D 02	1.112D-09	1.145D 01	-1.085D-01	-7.550D-02		9.930D-01	9.469D-02	1.034D-13
77	6.310D 00	1.496D 04	2.217D 03	1.051D 03	1.260D-09	1.224D 01	1.965D-01	-2.692D-01		9.944D-01	1.526D-01	6.147D-13
79	7.943D 00	1.545D 04	2.606D 03	1.242D 03	1.427D-09	1.315D 01	-1.647D-02	-4.039D-01		9.955D-01	2.327D-01	3.299D-12
81	1.0000 01	1.599D 04	3.063D 03	1.471D 03	1.609D-09	1.410D 01	-3.108D-01	1.581D-01		9.965D-01	3.439D-01	1.810D-11
83	1.259D 01	1.657D 04	3.599D 03	1.743D 03	1.810D-09	1.515D 01	-7.807D-02	4.005D-01		9.972D-01	4.738D-01	9.110D-11
85	1.585D 01	1.712D 04	4.226D 03	2.061D 03	2.043D-09	1.634D 01	-2.467D-01	3.447D-01		9.975D-01	5.873D-01	3.551D-10
87	1.995D 01	1.767D 04	4.958D 03	2.432D 03	2.310D-09	1.765D 01	2.307D-01	-4.332D-01		9.976D-01	6.822D-01	1.188D-09
89	2.512D 01	1.828D 04	5.815D 03	2.867D 03	2.606D-09	1.891D 01	-2.721D-01	-2.7315D-01		9.977D-01	7.694D-01	4.069D-09
91	3.162D 01	1.897D 04	6.827D 03	3.380D 03	2.936D-09	2.005D 01	-2.597D-01	4.050D-02		9.979D-01	8.436D-01	1.459D-08
93	3.981D 01	1.971D 04	8.031D 03	3.989D 03	3.314D-09	2.119D 01	5.169D-01	-2.398D-01		9.980D-01	8.973D-01	5.043D-08
95	5.012D 01	2.044D 04	9.464D 03	4.710D 03	3.759D-09	2.250D 01	4.542D-01	-1.084D-01		9.982D-01	9.309D-01	1.525D-07
97	6.310D 01	2.212D 04	1.116D 04	5.563D 03	4.267D-09	2.386D 01	4.778D-01	-9.5564D-02		9.983D-01	9.539D-01	4.453D-07
99	7.943D 01	2.203D 04	1.318D 04	6.576D 03	4.884D-09	2.527D 01	5.887D-01	-9.5564D-02		9.985D-01	9.693D-01	1.254D-06

TEFF = 10000.0 LOG(G) = 3.50 X = 0.66667 Y = 0.33333

_LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	9.424D-04	1061.56	3.935D 04	2050.00	3.610D 07	3696.18	2.023D 07	4034.83	4.855D 07
546.43	1.037D-02	1086.41	1.264D 05	2127.72	3.522D 07	3697.15	2.029D 07	4078.39	4.443D 07
649.38	9.281D-01	1100.00	2.298D 05	2292.47	3.324D 07	3698.31	2.038D 07	4101.73	1.478D 07
800.11	7.396D 01	1112.26	3.814D 05	2484.88	3.096D 07	3700.50	2.125D 07	4141.06	4.520D 07
911.76	7.103D 02	1136.26	9.379D 05	2600.00	2.969D 07	3702.69	1.960D 07	4217.72	4.407D 07
911.76	7.100D 02	1161.33	1.640D 06	2600.00	2.969D 07	3703.85	1.945D 07	4297.27	4.115D 07
913.07	2.333D 03	1175.00	1.760D 06	2677.07	2.886D 07	3705.25	2.005D 07	4340.46	1.405D 07
915.54	2.333D 03	1181.83	1.597D 05	2837.09	2.723D 07	3707.91	2.181D 07	4422.28	3.852D 07
918.03	3.279D 03	1194.99	6.720D 05	3017.20	2.576D 07	3710.56	1.951D 07	4586.15	3.479D 07
919.35	3.401D 03	1208.45	1.744D 05	3121.75	2.477D 07	3711.97	1.878D 07	4762.63	3.103D 07
919.63	3.425D 03	1215.57	1.132D 05	3121.76	2.477D 07	3713.69	2.024D 07	4861.32	1.163D 07
920.16	3.457D 03	1216.42	1.140D 05	3169.76	2.434D 07	3716.95	2.285D 07	4892.89	2.759D 07
920.68	3.498D 03	1217.83	1.182D 05	3264.93	2.351D 07	3720.21	1.932D 07	4953.86	2.762D 07
920.96	3.519D 03	1219.25	1.322D 05	3365.99	2.266D 07	3721.94	1.751D 07	5016.38	2.670D 07
921.34	3.546D 03	1220.00	1.427D 05	3421.87	2.220D 07	3724.08	2.039D 07	5050.00	2.618D 07
922.06	3.592D 03	1223.41	2.081D 05	3421.87	2.220D 07	3728.14	2.469D 07	5123.58	2.509D 07
922.77	3.638D 03	1229.92	4.173D 05	3458.74	2.190D 07	3732.22	2.002D 07	5269.12	2.308D 07
923.15	3.662D 03	1236.50	1.154D 06	3530.87	2.134D 07	3734.37	1.671D 07	5423.16	2.116D 07
923.68	3.695D 03	1240.00	1.835D 06	3606.08	2.076D 07	3737.09	2.151D 07	5508.11	2.019D 07
924.69	3.761D 03	1249.96	4.380D 06	3647.05	2.045D 07	3742.24	2.749D 07	5665.32	1.854D 07
925.69	3.823D 03	1269.29	8.972D 06	3647.05	1.965D 07	3747.42	2.104D 07	5989.38	1.563D 07
926.22	3.856D 03	1289.23	1.263D 07	3649.67	1.962D 07	3750.15	1.585D 07	6352.76	1.302D 07
927.00	3.904D 03	1300.00	1.432D 07	3654.64	1.989D 07	3753.67	2.306D 07	6562.80	6.558D 06
928.48	3.990D 03	1316.23	1.660D 07	3659.62	2.057D 07	3760.36	3.147D 07	6797.77	1.054D 07
929.96	4.092D 03	1348.15	2.058D 07	3662.26	2.105D 07	3767.08	2.346D 07	7292.74	8.446D 06
930.75	4.144D 03	1381.65	2.418D 07	3665.27	2.162D 07	3770.63	1.563D 07	7865.45	6.632D 06
931.96	4.219D 03	1400.00	2.594D 07	3670.98	2.249D 07	3775.31	2.632D 07	8205.87	5.787D 06
934.26	4.355D 03	1419.35	2.773D 07	3676.71	2.279D 07	3784.22	3.649D 07	8205.87	6.366D 06
936.58	4.527D 03	1457.53	3.057D 07	3679.74	2.268D 07	3793.16	2.650D 07	8862.47	5.392D 06
937.90	4.620D 03	1497.83	3.293D 07	3680.27	2.261D 07	3797.90	1.534D 07	10448.64	3.040D 06
939.84	4.750D 03	1520.00	3.400D 07	3681.28	2.252D 07	3804.32	3.048D 07	12726.36	1.510D 06
943.74	5.058D 03	1545.12	3.493D 07	3682.28	2.241D 07	3816.55	4.208D 07	14380.00	9.725D 05
947.60	5.357D 03	1595.10	3.642D 07	3682.81	2.239D 07	3828.85	3.172D 07	15890.88	7.112D 05
949.74	5.552D 03	1548.41	3.743D 07	3683.50	2.229D 07	3835.38	1.545D 07	19843.04	3.105D 05
953.00	5.920D 03	1678.00	3.778D 07	3684.82	2.218D 07	3844.54	3.685D 07	26411.82	1.071D 05
951.00	6.835D 03	1723.99	3.803D 07	3686.13	2.186D 07	3852.03	4.695D 07	32000.00	5.129D 04
958.52	7.605D 03	1816.53	3.792D 07	3686.83	2.183D 07	3879.67	3.688D 07	34121.04	4.005D 04
972.54	7.755D 03	1920.32	3.735D 07	3687.64	2.170D 07	3889.05	1.529D 07	39024.39	2.383D 04
981.32	9.959D 03	1980.00	3.684D 07	3689.19	2.163D 07	3902.80	4.235D 07	45573.51	1.305D 04
998.42	1.470D 04	1991.74	3.671D 07	3690.73	2.104D 07	3929.14	4.949D 07	50000.00	9.091D 03
1016.12	1.952D 04	2014.39	3.648D 07	3691.55	2.104D 07	3955.84	4.283D 07	54724.75	6.390D 03
1025.72	1.593D 04	2037.56	3.624D 07	3692.52	2.092D 07	3970.07	1.537D 07	66666.67	2.949D 03
1037.82	2.921D 04	2050.00	3.610D 07	3694.35	2.133D 07	3992.20	4.645D 07	85275.25	1.120D 03

TEFF = 10000.0 LOG(G) = 4.00 X = 0.66667 Y = 0.33333												
I	TAJ	TE	PG	PE	RHO	KAPZ	DF (%)	D	TE	XH2	XHE2	XHE3
1	1.0000-08	7.199D 03	3.846D-04	1.910D-04	4.572D-16	2.650D-01	-2.085D-01	-1.798D 02	9.996D-01	1.999D-04	1.999D-04	1.330D-29
3	1.0000-07	7.171D 03	3.785D-03	1.777D-03	4.525D-15	2.642D-01	-2.085D-01	-4.661D 01	9.956D-01	1.720D-05	1.720D-05	8.114D-32
5	1.0000-06	7.374D 03	3.811D-02	1.773D-02	4.468D-14	2.621D-01	-2.085D-01	-3.643D 02	9.782D-01	5.537D-06	5.537D-06	3.185D-32
7	1.0000-05	7.642D 03	3.845D-01	1.724D-01	4.486D-13	2.647D-01	-2.084D-01	-5.050D 01	9.144D-01	2.417D-06	2.417D-06	3.147D-32
9	1.0000-04	7.811D 03	3.516D 00	1.341D 00	4.500D-12	3.051D-01	-2.085D-01	-1.594D 00	6.938D-01	7.345D-07	7.345D-07	7.726D-33
11	1.0000-03	7.748D 03	3.093D 01	6.283D 00	5.141D-11	3.388D-01	-6.312D-01	-1.245D 00	2.869D-01	1.143D-07	1.143D-07	1.306D-34
13	1.359D-03	7.755D 03	4.132D 01	7.603D 00	9.026D-11	3.518D-01	-5.338D-01	-1.127D 00	2.537D-01	9.809D-08	9.809D-08	1.005D-34
15	1.848D-03	7.774D 03	5.476D 01	9.239D 00	9.464D-11	3.732D-01	-3.363D-01	-1.016D 00	2.283D-01	8.887D-08	8.887D-08	9.199D-35
17	2.512D-03	7.868D 03	7.177D 01	1.131D 01	1.252D-10	4.068D-01	-3.209D-01	-9.006D-01	2.105D-01	8.596D-08	8.596D-08	1.043D-34
19	3.415D-03	7.859D 03	9.259D 01	1.398D 01	1.617D-10	4.574D-01	-3.338D-01	-7.445D-01	2.000D-01	8.961D-08	8.961D-08	1.511D-34
21	4.642D-03	7.928D 03	1.173D 02	1.743D 01	2.037D-10	5.305D-01	-3.767D-01	-5.651D-01	1.963D-01	1.009D-07	1.009D-07	2.811D-34
23	6.310D-03	8.013D 03	1.459D 02	2.184D 01	2.503D-10	6.303D-01	-3.492D-01	-1.671D-01	1.980D-01	1.209D-07	1.209D-07	6.398D-34
25	8.577D-03	8.106D 03	1.783D 02	2.730D 01	3.010D-10	7.575D-01	-3.395D-01	1.424D-01	2.034D-01	1.502D-07	1.502D-07	1.629D-33
27	1.166D-02	8.204D 03	2.149D 02	3.391D 02	3.565D-10	9.124D-01	-2.795D-01	2.757D-01	2.108D-01	1.894D-07	1.894D-07	4.305D-33
29	1.595D-02	8.357D 03	2.564D 02	4.198D 01	4.172D-10	1.103D 00	-1.148D-01	3.611D-01	2.202D-01	2.429D-07	2.429D-07	1.193D-32
31	2.154D-02	8.418D 03	3.026D 02	5.189D 01	4.813D-10	1.343D 00	2.589D-02	4.575D-01	2.328D-01	3.195D-07	3.195D-07	3.577D-32
33	2.929D-02	8.534D 03	3.541D 02	6.390D 01	5.497D-10	1.639D 00	-1.875D-02	4.785D-01	2.477D-01	4.259D-07	4.259D-07	1.112D-31
35	3.981D-02	8.664D 03	4.113D 02	7.896D 01	6.200D-10	2.023D 00	-9.339D-02	4.842D-01	2.673D-01	5.901D-07	5.901D-07	3.918D-31
37	5.412D-02	8.816D 03	4.730D 02	9.832D 01	6.868D-10	2.549D 00	8.074D-02	5.749D-01	2.952D-01	8.736D-07	8.736D-07	1.710D-30
39	7.359D-02	8.981D 03	5.395D 02	1.222D 02	7.510D-10	3.224D 00	4.858D-01	2.339D-01	3.294D-01	1.337D-06	1.337D-06	8.257D-30
41	1.000D-01	9.165D 03	6.109D 02	1.517D 02	8.098D-10	4.099D 00	1.029D 00	1.028D-01	3.716D-01	2.139D-06	2.139D-06	4.571D-29
43	1.259D-01	9.313D 03	6.673D 02	1.778D 02	8.495D-10	4.899D 00	1.014D 00	-4.026D-01	4.085D-01	3.116D-06	3.116D-06	1.768D-28
45	1.585D-01	9.487D 03	7.262D 02	2.094D 02	8.804D-10	5.916D 00	7.580D-01	-6.954D-01	4.558D-01	4.855D-06	4.855D-06	8.477D-28
47	1.995D-01	9.680D 03	7.874D 02	2.460D 02	9.040D-10	7.121D 00	7.373D-01	-8.940D-01	5.111D-01	7.925D-06	7.925D-06	4.680D-27
49	2.512D-01	9.902D 03	8.513D 02	2.884D 02	9.188D-10	8.534D 00	9.590D-03	-1.198D 00	5.763D-01	1.386D-05	1.386D-05	3.193D-26
51	3.981D-01	1.015D 04	9.187D 02	3.352D 02	9.296D-10	1.003D 00	-3.060D-01	-9.524D-01	6.461D-01	2.538D-05	2.538D-05	2.866D-25
53	5.912D-01	1.041D 04	9.917D 02	3.857D 02	9.405D-10	1.151D 01	-1.423D-01	-2.083D-01	7.159D-01	4.843D-05	4.843D-05	2.172D-24
55	5.012D-01	1.069D 04	1.073D 03	4.388D 02	9.582D-10	1.281D 01	1.589D-01	-1.477D-01	7.786D-01	9.314D-05	9.314D-05	1.917D-23
57	6.310D-01	1.099D 04	1.166D 03	4.956D 02	9.852D-10	1.392D 01	1.308D-01	-4.488D-01	8.323D-01	1.814D-04	1.814D-04	1.743D-22
59	7.943D-01	1.131D 04	1.274D 03	5.584D 02	1.023D-09	1.480D 01	2.389D-02	-5.565D-01	8.773D-01	3.645D-04	3.645D-04	1.736D-21
61	1.000D 00	1.156D 04	1.405D 03	6.286D 02	1.076D-09	1.551D 01	-2.035D-01	-4.412D-01	9.113D-01	7.278D-04	7.278D-04	1.692D-20
63	1.259D 00	1.221D 04	1.562D 03	7.095D 02	1.147D-09	1.613D 01	-1.183D-01	-2.477D-02	9.361D-01	1.431D-03	1.431D-03	1.573D-19
65	1.595D 00	1.237D 04	1.753D 03	8.041D 02	1.240D-09	1.678D 01	1.264D-01	-4.580D-02	9.530D-01	2.684D-03	2.684D-03	1.268D-18
67	1.995D 00	1.275D 04	1.985D 03	9.168D 02	1.354D-09	1.741D 01	1.518D-01	-2.473D-01	9.651D-01	5.054D-03	5.054D-03	1.041D-17
69	2.512D 00	1.316D 04	2.267D 03	1.052D 03	1.492D-09	1.807D 01	7.996D-02	-9.007D-01	9.734D-01	9.510D-03	9.510D-03	8.613D-17
71	3.162D 00	1.359D 04	2.609D 03	1.216D 03	1.656D-09	1.881D 01	-8.069D-02	-1.442D 00	9.798D-01	1.784D-02	1.784D-02	7.146D-16
73	3.981D 00	1.405D 04	3.022D 03	1.414D 03	1.851D-09	1.971D 01	-4.035D-01	-7.305D-01	9.844D-01	3.217D-02	3.217D-02	5.340D-15
75	5.12D 00	1.451D 04	3.518D 03	1.651D 03	2.079D-09	2.078D 01	-3.582D-01	8.868D-01	9.879D-01	5.612D-02	5.612D-02	3.688D-14
77	6.310D 00	1.498D 04	4.108D 03	1.935D 03	2.344D-09	2.210D 01	2.794D-01	1.086D 00	9.904D-01	1.912D-02	1.912D-02	2.161D-13
79	7.943D 00	1.545D 04	4.804D 03	2.273D 03	2.647D-09	2.364D 01	5.187D-01	-3.275D 00	9.923D-01	1.434D-01	1.434D-01	1.134D-12
81	1.000D 00	1.598D 04	5.625D 03	2.677D 03	2.981D-09	2.525D 01	1.986D-01	-2.225D 00	9.939D-01	2.217D-01	2.217D-01	6.264D-12
83	1.259D 01	1.656D 04	6.592D 03	3.161D 03	3.349D-09	2.701D 01	-2.053D-02	-3.166D 00	9.953D-01	3.287D-01	3.287D-01	3.387D-11
85	1.595D 01	1.713D 04	7.727D 03	3.732D 03	3.769D-09	2.907D 01	-4.962D-01	-1.408D 00	9.958D-01	4.421D-01	4.421D-01	1.492D-10
87	1.995D 01	1.770D 04	9.054D 03	4.403D 03	4.286D-09	3.136D 01	4.857D-01	1.010D 00	9.961D-01	5.505D-01	5.505D-01	5.571D-10
89	2.512D 01	1.839D 04	1.060D 04	5.189D 03	4.786D-09	3.376D 01	-1.170D-01	1.348D-01	9.963D-01	6.527D-01	6.527D-01	1.931D-09
91	3.162D 01	1.896D 04	1.242D 04	6.115D 03	5.378D-09	3.601D 01	-1.222D-01	-5.265D-01	9.966D-01	7.504D-01	7.504D-01	7.022D-09
93	3.981D 01	1.969D 04	1.458D 04	7.211D 03	6.049D-09	3.819D 01	-2.366D-01	-1.001D 00	9.969D-01	8.297D-01	8.297D-01	2.499D-08
95	5.12D 01	2.044D 04	1.714D 04	8.504D 03	6.827D-09	4.051D 01	3.535D-01	-4.885D-01	9.972D-01	8.849D-01	8.849D-01	8.044D-08
97	6.310D 01	2.122D 04	2.018D 04	1.003D 04	7.724D-09	4.295D 01	4.589D-01	-5.218D-01	9.975D-01	9.227D-01	9.227D-01	2.428D-07
99	7.943D 01	2.203D 04	2.378D 04	1.185D 04	8.758D-09	4.556D 01	3.351D-01	-8.275D-01	9.978D-01	9.477D-01	9.477D-01	6.905D-07



TFFF = 10000.0 LOG(G) = 4.00 X = 0.66667 Y = 0.33333

-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.163D-03	1061.56	3.939D 04	2050.00	3.672D 07	3696.19	2.177D 07	4034.83	4.833D 07
546.43	1.272D-02	1086.41	6.232D 04	2127.72	3.597D 07	3697.15	2.177D 07	4078.38	4.253D 07
649.38	1.128D 00	1100.00	1.152D 05	2292.47	3.414D 07	3698.31	2.172D 07	4101.73	1.420D 07
800.11	9.258D 01	1112.26	1.835D 05	2484.88	3.191D 07	3700.50	2.203D 07	4141.06	4.483D 07
911.76	8.906D 02	1136.26	4.000D 05	2600.00	3.061D 07	3702.69	2.091D 07	4217.72	4.460D 07
913.07	2.443D 03	1161.33	7.197D 05	2677.27	2.976D 07	3703.85	2.080D 07	4297.27	4.113D 07
915.54	2.911D 03	1181.83	6.366D 05	2837.09	2.809D 07	3707.91	2.193D 07	4340.46	1.355D 07
918.03	3.250D 03	1194.99	5.257D 05	3017.20	2.665D 07	3710.56	2.042D 07	4422.28	3.899D 07
919.35	3.384D 03	1208.45	1.502D 05	3121.75	2.560D 07	3711.97	2.000D 07	4586.15	3.533D 07
919.63	3.407D 03	1215.67	1.103D 05	3121.76	2.560D 07	3713.69	2.086D 07	4762.63	3.140D 07
920.16	3.443D 03	1216.42	1.110D 05	3169.76	2.513D 07	3716.95	2.233D 07	4861.32	1.129D 07
920.68	3.491D 03	1217.83	1.102D 05	3264.93	2.426D 07	3720.21	1.990D 07	4892.89	2.713D 07
920.96	3.516D 03	1219.25	1.191D 05	3365.99	2.336D 07	3721.94	1.870D 07	4953.86	2.794D 07
921.34	3.541D 03	1220.00	1.271D 05	3421.97	2.288D 07	3724.08	2.072D 07	5016.38	2.707D 07
922.06	3.584D 03	1223.41	1.793D 05	3421.87	2.288D 07	3728.14	2.341D 07	5050.00	2.656D 07
922.77	3.631D 03	1229.92	3.042D 05	3458.74	2.257D 07	3732.22	2.001D 07	5123.58	2.546D 07
923.15	3.655D 03	1236.50	5.343D 05	3530.87	2.197D 07	3734.37	1.754D 07	5269.12	2.342D 07
923.68	3.688D 03	1240.00	7.599D 05	3606.08	2.137D 07	3737.09	2.118D 07	5423.16	2.146D 07
924.69	3.740D 03	1249.96	1.880D 06	3647.05	2.105D 07	3742.24	2.525D 07	5508.11	2.048D 07
925.69	3.802D 03	1269.29	4.922D 06	3647.05	2.024D 07	3747.42	2.033D 07	5665.32	1.879D 07
926.22	3.833D 03	1289.23	8.032D 06	3649.67	2.020D 07	3750.15	1.611D 07	5989.38	1.584D 07
927.00	3.879D 03	1300.00	9.648D 06	3654.64	2.036D 07	3753.67	2.196D 07	6352.76	1.318D 07
928.48	3.930D 03	1316.23	1.190D 07	3659.62	2.079D 07	3760.36	2.825D 07	6797.77	1.067D 07
929.96	4.058D 03	1348.15	1.594D 07	3662.26	2.111D 07	3767.08	2.190D 07	7292.74	8.551D 06
930.75	4.105D 03	1381.65	1.971D 07	3665.27	2.152D 07	3770.63	1.549D 07	7865.45	6.713D 06
931.96	4.159D 03	1400.00	2.160D 07	3670.98	2.228D 07	3775.31	2.417D 07	8205.87	5.857D 06
934.26	4.220D 03	1419.35	2.339D 07	3676.71	2.284D 07	3784.22	3.250D 07	8205.87	6.429D 06
936.58	4.427D 03	1457.53	2.672D 07	3679.74	2.299D 07	3793.16	2.401D 07	8862.47	5.446D 06
937.80	4.545D 03	1497.83	2.964D 07	3680.27	2.299D 07	3797.90	1.490D 07	10443.64	3.070D 06
939.84	4.578D 03	1520.00	3.100D 07	3681.28	2.301D 07	3804.32	2.718D 07	12726.36	1.525D 06
943.74	4.787D 03	1545.12	3.240D 07	3682.28	2.301D 07	3816.55	3.792D 07	14380.00	9.818D 05
947.66	5.123D 03	1595.10	3.447D 07	3682.81	2.302D 07	3828.85	2.809D 07	15890.88	7.176D 05
949.74	5.438D 03	1648.41	3.602D 07	3683.50	2.301D 07	3835.38	1.485D 07	19843.04	3.131D 05
953.60	5.536D 03	1678.00	3.654D 07	3684.82	2.299D 07	3844.54	3.272D 07	26411.82	1.079D 05
961.00	6.270D 03	1723.39	3.722D 07	3686.13	2.288D 07	3852.03	4.360D 07	32000.00	5.166D 04
968.52	6.971D 03	1816.53	3.772D 07	3686.83	2.288D 07	3879.67	3.278D 07	34121.04	4.033D 04
972.54	7.526D 03	1920.32	3.762D 07	3687.64	2.281D 07	3899.05	1.461D 07	39024.39	2.399D 04
981.32	8.975D 03	1980.00	3.729D 07	3689.19	2.279D 07	3902.80	3.843D 07	45573.51	1.312D 04
998.42	1.297D 04	1991.74	3.719D 07	3690.73	2.246D 07	3929.14	4.781D 07	50000.00	9.141D 03
1016.12	1.638D 04	2014.39	3.701D 07	3691.55	2.246D 07	3955.84	3.925D 07	54724.75	6.421D 03
1025.72	1.557D 04	2037.56	3.682D 07	3692.52	2.235D 07	3970.07	1.468D 07	66666.67	2.960D 03
1037.82	2.476D 04	2050.00	3.672D 07	3694.35	2.245D 07	3992.20	4.427D 07	85275.25	1.122D 03

$$T_{\text{EFF}} = 10000.0 \quad \text{LOG}(G) = 4.50 \quad X = 0.66667 \quad Y = 0.33333$$

I	TAJ	T <sub>E</sub>	PG	PE	RHD	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	7.2590 03	1.2170-03	5.7240-04	1.4350-15	2.6480-01	-1.9700-01	-3.1550 02	9.9900-01	8.9380-05	3.9510-30
3	1.0000-07	7.2490 03	1.1990-02	5.5130-03	1.4230-14	2.6320-01	-1.9700-01	-2.6340 02	9.8950-01	8.5810-06	3.3980-32
5	1.0000-06	7.2200 03	1.2330-01	5.4700-02	1.5350-13	2.4680-01	-1.9700-01	3.3610 02	8.9740-01	7.4630-07	2.1290-34
7	1.0000-05	7.6620 03	1.2020 00	4.9840-01	1.4840-12	2.6720-01	-1.9680-01	7.2260 01	7.9710-01	9.2830-07	5.2990-33
9	1.0000-04	7.7750 03	1.0370 01	3.0650 00	1.5190-11	3.2240-01	-2.0580-01	-2.9600 03	4.7190-01	2.6880-07	8.4470-34
11	1.0000-03	7.6990 03	9.6230 01	1.1770 00	1.7730-10	3.4630-01	-8.7880-01	-1.7680 00	1.5670-01	4.7560-08	1.7040-35
13	1.3590-03	7.7200 03	1.2780 02	1.4210 01	2.3790-10	3.7170-01	-6.9530-01	-1.8130 00	1.4070-01	4.3820-08	1.6340-35
15	1.8480-03	7.7580 03	1.6730 02	1.7370 01	3.1230-10	4.1200-01	-4.5490-01	-1.9030 00	1.3030-01	4.3470-08	2.0000-35
17	2.5120-03	7.8140 03	2.1500 02	2.1480 01	4.0020-10	4.7190-01	-6.0110-01	-1.8740 00	1.2490-01	4.6580-08	3.1630-35
19	3.4150-03	7.8850 03	2.7060 02	2.6770 01	4.9990-10	5.5450-01	-6.4890-01	-1.6720 00	1.2350-01	5.3310-08	6.1960-35
21	4.6420-03	7.9700 03	3.3430 02	3.3480 01	6.0990-10	6.6450-01	-6.1030-01	-1.2580 00	1.2520-01	6.4380-08	1.4430-34
23	6.3100-03	8.0650 03	4.0590 02	4.1870 01	8.0530-10	8.0530-01	-6.1140-01	-9.8240-01	1.2940-01	8.0580-08	3.7550-34
25	8.5770-03	8.1600 03	4.8580 02	5.1850 01	8.5950-10	9.7260-01	-6.1060-01	-3.3690-02	1.3440-01	1.0130-07	9.7890-34
27	1.1660-02	8.2590 03	5.7640 02	6.3910 01	1.0030-09	1.1740 00	-3.9160-01	-2.3770-01	1.4030-01	1.2800-07	2.5840-33
29	1.5350-02	8.3600 03	6.7880 02	7.8600 01	1.1600-09	1.4210 00	-3.1890-02	5.1000-01	1.4730-01	1.6370-07	7.0510-33
31	2.1540-02	8.4700 03	7.9280 02	9.5800 01	1.3280-09	1.7340 00	1.7130-01	9.8040-01	1.5650-01	2.1450-07	2.0780-32
33	2.9290-02	8.5820 03	9.1980 02	1.1850 02	1.5090-09	2.1080 00	1.2340-01	7.6630-01	1.6640-01	2.8060-07	6.0500-32
35	3.9810-02	8.7130 03	1.0600 03	1.4670 02	1.6950-09	2.6190 00	-1.3170-01	5.7420-01	1.8060-01	3.8730-07	2.1110-31
37	5.4120-02	8.8560 03	1.2120 03	1.8210 02	1.8800-09	3.2890 00	2.4400-02	2.4890-01	1.9890-01	5.5320-07	8.2090-31
39	7.3560-02	9.0220 03	1.3760 03	2.2810 02	2.0560-09	4.2110 00	5.2340-01	1.8070-01	2.2360-01	8.3540-07	3.8340-30
41	1.0000-01	9.1960 03	1.5500 03	2.8400 02	2.2250-09	5.3820 00	1.1580 00	-2.0480-01	2.5230-01	1.2790-06	1.8550-29
43	1.2590-01	9.3390 03	1.6870 03	3.3530 02	2.3390-09	5.5150 00	1.1930 00	-1.0980 00	2.7910-01	1.8160-06	6.6800-29
45	1.5950-01	9.5010 03	1.8280 03	3.9730 02	2.4340-09	7.9600 00	8.7880-01	-2.4030 00	3.1230-01	2.6860-06	2.7390-28
47	1.9450-01	9.6900 03	1.9720 03	4.7410 02	2.4990-09	9.8770 00	5.2140-01	-2.8810 00	3.5600-01	4.2500-06	1.3970-27
49	2.5120-01	9.9000 03	2.1180 03	5.6760 02	2.5280-09	1.2360 01	-2.1560-02	3.0890 00	4.1200-01	7.2080-06	8.8660-27
51	3.1620-01	1.0160 04	2.2640 03	6.7750 02	2.5230-09	1.5420 01	-3.0840-01	-2.1630 00	4.8050-01	1.3070-05	6.8980-26
53	3.9810-01	1.0420 04	2.5670 03	7.9880 02	2.4990-09	1.8830 01	-3.1170-01	-1.2050 00	5.5710-01	2.4690-05	5.9970-25
55	5.0120-01	1.0720 04	2.6670 03	9.2680 02	2.4720-09	2.2290 01	-6.6100-02	-3.9180-01	6.3590-01	4.7650-05	5.4660-24
57	6.3100-01	1.1020 04	2.7340 03	1.0560 03	2.4620-09	2.5410 01	3.6900-01	-6.9650-01	7.0820-01	9.0890-05	4.7020-23
59	7.9430-01	1.1340 04	2.9220 03	1.1930 03	2.4640-09	2.8130 01	9.2620-02	-1.3030 00	7.7660-01	1.8120-04	4.5800-22
61	1.0000 00	1.1690 04	3.1380 03	1.3370 03	2.4900-09	3.0240 01	-1.4480-02	-1.5780 00	8.3530-01	3.6990-04	4.7570-21
63	1.2590 00	1.2050 04	3.3960 03	1.4910 03	2.5530-09	3.1760 01	-3.4730-02	-1.6600 00	8.8090-01	7.4970-04	4.7920-20
65	1.5350 00	1.2420 04	3.7070 03	1.6610 03	2.6620-09	3.2920 01	-2.1000-01	-9.9140-01	9.1330-01	1.4580-03	4.2350-19
67	1.9350 00	1.2810 04	4.0870 03	1.8560 03	2.8150-09	3.3850 01	-2.7160-01	1.3930-01	9.3600-01	2.8140-03	3.6650-18
69	2.5120 00	1.3210 04	4.5540 03	2.0880 03	3.0170-09	3.4760 01	-3.0740-02	5.7310-01	9.5180-01	5.3350-03	3.0200-17
71	3.1620 00	1.3630 04	5.1250 03	2.3660 03	3.2710-09	3.5830 01	-4.3100-01	-4.1400-01	9.7210-01	9.8880-03	2.3440-16
73	3.9810 00	1.4070 04	5.8230 03	2.7030 03	3.5850-09	3.7170 01	-1.3670-01	-1.8180 00	9.9350-01	3.6440-01	1.6810-15
75	5.0120 00	1.4540 04	6.6690 03	3.1100 03	3.9570-09	3.8670 01	-1.3540-01	-2.0550 00	9.7880-01	3.1880-02	1.2140-14
77	6.3100 00	1.5020 04	7.6900 03	3.6000 03	4.4000-09	4.0550 01	-2.7920-01	-1.2890 00	9.8360-01	5.4710-02	7.8560-14
79	7.9430 00	1.5500 04	8.9100 03	4.1890 03	4.9220-09	4.2920 01	-9.4210-02	-1.0100 00	9.8710-01	8.8530-02	4.3660-13
81	1.0000 01	1.6030 04	1.0360 04	4.8950 03	5.5100-09	4.5500 01	-2.4870-01	-1.2920-02	9.8990-01	1.4180-01	2.4750-12
83	1.2590 01	1.6590 04	1.2080 04	5.7430 03	6.1760-09	4.8470 01	-2.6800-03	1.0870-01	9.9210-01	2.1760-01	1.3160-11
85	1.5350 01	1.7120 04	1.4100 04	6.7440 03	7.8120-09	5.2120 01	3.3690-01	-4.9330-01	9.9350-01	3.0360-01	5.5650-11
87	1.9350 01	1.7670 04	1.6470 04	7.9250 03	8.9400-09	5.6160 01	8.9830-03	-1.2910 00	9.9350-01	4.0120-01	2.1490-10
89	2.5120 01	1.8200 04	1.9240 04	9.3250 03	8.7590-09	6.0270 01	-2.7470-01	-2.3230 00	9.9400-01	5.1490-01	8.5150-10
91	3.1620 01	1.8970 04	2.2490 04	1.0980 04	9.8050-09	6.4340 01	-2.1410-01	-1.3210 00	9.9460-01	6.3210-01	3.3610-09
93	3.9810 01	1.9720 04	2.6340 04	1.2950 04	1.0980-08	6.8330 01	-2.5530-01	-1.0590 00	9.9520-01	7.3770-01	1.2870-08
95	5.0120 01	2.0490 04	3.0910 04	1.5270 04	1.2340-08	7.2470 01	-1.4640-01	-7.8980-01	9.9570-01	8.1880-01	4.4910-08
97	6.3100 01	2.1280 04	3.6330 04	1.8010 04	1.3920-08	7.6990 01	8.1450-01	-1.6210 00	9.9620-01	8.7500-01	1.3910-07
99	7.9430 01	2.2080 04	4.2740 04	2.1240 04	1.5740-08	8.1860 01	4.1900-01	-1.1330 00	9.9670-01	9.1360-01	3.9710-07

TEF = 10000.0      LOG(G) = 4.50      X = 0.66667      Y = 0.33333									
-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.575D-03	1061.56	4.117D 04	2050.00	3.753D 07	3696.18	2.301D 07	4034.83	4.725D 07
546.43	1.757D-02	1085.41	5.641D 04	2127.72	3.693D 07	3697.15	2.301D 07	4078.38	3.958D 07
649.38	1.458D 00	1100.00	8.248D 04	2292.47	3.523D 07	3698.31	2.298D 07	4101.73	1.367D 07
800.11	1.009D 02	1112.26	1.070D 05	2484.88	3.300D 07	3700.50	2.309D 07	4141.06	4.354D 07
911.76	8.844D 02	1136.26	2.240D 05	2600.00	3.169D 07	3702.69	2.241D 07	4217.72	4.473D 07
911.76	8.824D 02	1161.33	3.627D 05	2600.00	3.169D 07	3703.85	2.233D 07	4297.27	4.041D 07
913.07	2.233D 03	1175.00	3.703D 05	2677.27	3.084D 07	3705.25	2.244D 07	4340.46	1.311D 07
915.54	2.891D 03	1181.83	3.393D 05	2837.09	2.911D 07	3707.91	2.280D 07	4422.28	3.916D 07
918.03	3.295D 03	1194.99	2.468D 05	3017.20	2.770D 07	3710.56	2.183D 07	4586.15	3.570D 07
919.35	3.419D 03	1208.45	1.303D 05	3121.75	2.656D 07	3711.97	2.156D 07	4762.63	3.154D 07
919.63	3.433D 03	1215.67	1.047D 05	3121.76	2.656D 07	3713.69	2.199D 07	4861.32	1.098D 07
920.16	3.464D 03	1216.42	1.053D 05	3169.76	2.607D 07	3716.95	2.269D 07	4892.89	2.615D 07
920.68	3.497D 03	1217.83	1.007D 05	3264.93	2.519D 07	3720.21	2.109D 07	4953.86	2.807D 07
920.96	3.515D 03	1219.25	1.059D 05	3365.99	2.420D 07	3721.94	2.036D 07	5016.38	2.732D 07
921.34	3.535D 03	1220.00	1.120D 05	3421.87	2.370D 07	3724.08	2.158D 07	5050.00	2.683D 07
922.06	3.573D 03	1223.41	1.545D 05	3421.87	2.370D 07	3728.14	2.309D 07	5123.58	2.574D 07
922.77	3.599D 03	1229.92	2.618D 05	3458.74	2.337D 07	3732.22	2.071D 07	5269.12	2.369D 07
923.15	3.616D 03	1236.50	3.925D 05	3530.87	2.274D 07	3734.37	1.905D 07	5423.16	2.171D 07
923.68	3.643D 03	1240.00	4.744D 05	3606.08	2.211D 07	3737.09	2.158D 07	5508.11	2.071D 07
924.69	3.663D 03	1249.96	8.800D 05	3647.05	2.177D 07	3742.24	2.410D 07	5665.32	1.901D 07
925.69	3.724D 03	1269.29	2.520D 06	3647.05	2.093D 07	3747.42	2.040D 07	5989.38	1.602D 07
926.22	3.748D 03	1289.23	4.768D 06	3649.67	2.089D 07	3750.15	1.711D 07	6352.76	1.331D 07
927.00	3.786D 03	1300.00	6.066D 06	3654.64	2.097D 07	3753.67	2.171D 07	6562.80	6.289D 06
928.48	3.770D 03	1315.23	8.004D 06	3659.62	2.125D 07	3760.36	2.616D 07	6797.77	1.078D 07
929.96	3.941D 03	1348.15	1.173D 07	3662.26	2.146D 07	3767.08	2.123D 07	7292.74	8.648D 06
930.75	3.990D 03	1381.65	1.562D 07	3665.27	2.174D 07	3770.53	1.591D 07	7865.45	6.792D 06
931.96	4.000D 03	1400.00	1.763D 07	3670.98	2.231D 07	3775.31	2.308D 07	8205.87	5.926D 06
934.26	3.942D 03	1419.35	1.961D 07	3679.74	2.284D 07	3784.22	2.939D 07	8205.87	6.473D 06
936.58	4.206D 03	1457.53	2.322D 07	3679.74	2.307D 07	3793.16	2.252D 07	8862.47	5.484D 06
937.80	4.350D 03	1497.83	2.652D 07	3680.27	2.310D 07	3797.90	1.482D 07	10443.64	3.094D 06
943.74	4.366D 03	1545.12	2.979D 07	3681.28	2.316D 07	3804.32	2.506D 07	12726.36	1.539D 06
947.65	4.720D 03	1595.10	3.250D 07	3682.81	2.321D 07	3816.55	3.402D 07	14380.00	9.911D 05
949.74	5.180D 03	1648.41	3.467D 07	3683.50	2.327D 07	3828.95	2.554D 07	15890.88	7.237D 05
953.60	5.003D 03	1679.00	3.557D 07	3684.13	2.324D 07	3835.38	1.451D 07	19843.04	3.158D 05
961.00	5.581D 03	1723.39	3.649D 07	3684.82	2.332D 07	3844.54	2.927D 07	26411.82	1.087D 05
961.00	5.206D 03	1815.53	3.765D 07	3686.13	2.336D 07	3862.03	3.967D 07	32000.00	5.205D 04
972.54	7.069D 03	1920.32	3.808D 07	3687.64	2.336D 07	3879.67	2.929D 07	34121.04	4.063D 04
981.32	7.900D 03	1980.00	3.795D 07	3689.19	2.340D 07	3889.05	1.412D 07	39024.39	2.416D 04
998.42	1.145D 04	1991.74	3.784D 07	3690.73	2.329D 07	3902.80	3.443D 07	45573.51	1.321D 03
1016.12	1.430D 04	2014.39	3.773D 07	3691.55	2.331D 07	3929.14	4.500D 07	50000.00	9.197D 03
1025.72	1.480D 04	2037.56	3.760D 07	3692.52	2.327D 07	3955.84	3.532D 07	54724.75	6.458D 03
1037.82	2.167D 04	2050.00	3.753D 07	3694.35	2.334D 07	3970.07	1.411D 07	66666.67	2.973D 03
						3992.20	4.105D 07	85275.25	1.125D 03

TEFF = 10000.0 LOG(G) = 2.50 X = 1.00000 Y = 0.0											
I	TAJ	TE	PG	PE	RHO	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	6.7900 03	7.9240-06	3.9620-06	7.0730-18	3.9750-01	-7.3880-01	3.1600 02	1.0000 00	0.0	0.0
3	1.0000-07	6.7920 03	7.7830-05	3.8910-05	6.9460-17	3.9740-01	-7.3880-01	2.3280 02	9.9960-01	0.0	0.0
5	1.0000-06	7.1780 03	7.7720-04	3.8840-04	6.5650-16	3.9730-01	-7.3880-01	-3.9000 02	9.9910-01	0.0	0.0
7	1.0000-05	7.4540 03	7.7910-03	3.8880-03	6.3460-15	3.9700-01	-8.8750-01	-4.0490 02	9.9520-01	0.0	0.0
9	1.0000-04	7.6360 03	7.7890-02	3.8530-02	6.2470-14	3.9730-01	-1.2260 00	-1.0310 02	9.7920-01	0.0	0.0
11	1.0000-03	7.8090 03	7.5410-01	3.5610-01	6.1790-13	4.1720-01	-1.7930 00	1.7440 01	8.9460-01	0.0	0.0
13	1.3590-03	7.8150 03	1.0150 00	4.7140-01	8.4310-13	4.2360-01	-1.7405 00	1.7490 01	8.6730-01	0.0	0.0
15	1.8480-03	7.8240 03	1.3620 00	6.2020-01	1.1500-12	4.3190-01	-1.8250 00	1.7510 01	8.3580-01	0.0	0.0
17	2.5120-03	7.8350 03	1.8220 00	8.1020-01	1.5650-12	4.4270-01	-1.8590 00	1.7540 01	8.0110-01	0.0	0.0
19	3.4150-03	7.8510 03	2.4260 00	1.0510 00	2.1230-12	4.5670-01	-1.8550 00	1.7600 01	7.6450-01	0.0	0.0
21	4.6420-03	7.8710 03	3.2140 00	1.3540 00	2.8640-12	4.7520-01	-1.8300 00	1.7670 01	7.2800-01	0.0	0.0
23	6.3100-03	7.9000 03	4.2300 00	1.7330 00	3.8320-12	4.9950-01	-1.7970 00	1.7780 01	6.9390-01	0.0	0.0
25	8.5770-03	7.9380 03	5.5220 00	2.2060 00	5.0630-12	5.3240-01	-1.7530 00	1.7940 01	6.6520-01	0.0	0.0
27	1.1660-02	7.9910 03	7.1370 00	2.7980 00	6.5810-12	5.7720-01	-1.6830 00	1.8150 01	6.4480-01	0.0	0.0
29	1.5850-02	8.0630 03	9.1140 00	3.5430 00	8.3770-12	6.3870-01	-1.5550 00	1.8440 01	6.3580-01	0.0	0.0
31	2.1540-02	8.1560 03	1.1470 01	4.4770 00	1.0400-11	7.2160-01	-1.4690 00	1.8800 01	6.3990-01	0.0	0.0
33	2.9290-02	8.2710 03	1.4230 01	5.6400 00	1.2590-11	8.2930-01	-1.0680 00	1.9140 01	6.5660-01	0.0	0.0
35	3.9810-02	8.4040 03	1.7380 01	7.0530 00	1.4900-11	9.6060-01	-8.5890-01	1.9320 01	6.8290-01	0.0	0.0
37	5.4120-02	8.5560 03	2.1030 01	8.7770 00	1.7350-11	1.1170 00	-9.7570-01	1.9540 01	7.1650-01	0.0	0.0
39	7.3560-02	8.7290 03	2.5160 01	1.0840 01	1.9900-11	1.2960 00	-4.3870-01	1.9640 01	7.5630-01	0.0	0.0
41	1.0000-01	8.9190 03	2.9870 01	1.3250 01	2.2580-11	1.4890 00	3.3770-01	1.8610 01	7.9740-01	0.0	0.0
43	1.2590-01	9.0770 03	3.3820 01	1.5330 01	2.4700-11	1.6390 00	7.9980-01	1.6690 01	8.2870-01	0.0	0.0
45	1.5850-01	9.2550 03	3.8330 01	1.7720 01	2.6990-11	1.7910 00	6.4100-01	1.4450 01	8.5970-01	0.0	0.0
47	1.9950-01	9.4480 03	4.3520 01	2.0470 01	2.9570-11	1.9430 00	3.5190-01	1.2620 01	8.8800-01	0.0	0.0
49	2.5120-01	9.6680 03	4.9610 01	2.3690 01	3.2500-11	2.0900 00	1.5050-01	1.1290 01	9.1380-01	0.0	0.0
51	3.1620-01	9.9070 03	5.6810 01	2.7450 01	3.5920-11	2.2320 00	-1.7720-02	1.0400 01	9.3510-01	0.0	0.0
53	3.9810-01	1.0170 04	6.5360 01	3.1880 01	3.9900-11	2.3640 00	-8.3930-02	9.7240 00	9.5230-01	0.0	0.0
55	5.0120-01	1.0470 04	7.5620 01	3.7150 01	4.4540-11	2.4850 00	9.5900-02	8.9470 00	9.6590-01	0.0	0.0
57	6.3100-01	1.0780 04	8.7970 01	4.3440 01	5.0080-11	2.6100 00	1.4670-01	7.8400 00	9.7550-01	0.0	0.0
59	7.9430-01	1.1100 04	1.0290 02	5.0980 01	5.6660-11	2.7420 00	6.5200-03	6.9510 00	9.8240-01	0.0	0.0
61	1.0000 00	1.1450 04	1.2090 02	6.0050 01	6.4400-11	2.8810 00	-1.3950-01	6.5670 00	9.8730-01	0.0	0.0
63	1.2590 00	1.1810 04	1.4260 02	7.0970 01	7.3500-11	3.0290 00	-2.3400-01	6.8820 00	9.9090-01	0.0	0.0
65	1.5850 00	1.2190 04	1.6880 02	8.4120 01	8.4190-11	3.1930 00	-6.8520-02	6.9600 00	9.9350-01	0.0	0.0
67	1.9950 00	1.2590 04	2.0030 02	9.9910 01	9.6660-11	3.3710 00	-8.5350-02	6.5280 00	9.9530-01	0.0	0.0
69	2.5120 00	1.3020 04	2.3820 02	1.1890 02	1.1110-10	3.5510 00	-4.3340-01	7.0730 00	9.9620-01	0.0	0.0
71	3.1620 00	1.3480 04	2.8400 02	1.4180 02	1.2790-10	3.7400 00	-3.2020-01	8.1830 00	9.9690-01	0.0	0.0
73	3.9810 00	1.3940 04	3.3900 02	1.6930 02	1.4760-10	3.9650 00	2.2340-01	7.5460 00	9.9750-01	0.0	0.0
75	5.0120 00	1.4410 04	4.0470 02	2.0210 02	1.7040-10	4.2180 00	-5.2490-02	6.3310 00	9.9790-01	0.0	0.0
77	6.3100 00	1.4910 04	4.8300 02	2.4130 02	1.9650-10	4.4720 00	-3.1570-01	6.6600 00	9.9830-01	0.0	0.0
79	7.9430 00	1.5450 04	5.7660 02	2.8810 02	2.2640-10	4.7360 00	4.4500-02	7.1590 00	9.9870-01	0.0	0.0
81	1.0000 01	1.5990 04	6.8830 02	3.4400 02	2.6100-10	5.0330 00	4.3930-02	6.1060 00	9.9890-01	0.0	0.0
83	1.2590 01	1.6570 04	8.2130 02	4.1050 02	3.0060-10	5.3500 00	7.4300-03	5.3130 00	9.9920-01	0.0	0.0
85	1.5850 01	1.7150 04	9.7940 02	4.8950 02	3.4630-10	5.6990 00	5.5590-02	4.5520 00	9.9920-01	0.0	0.0
87	1.9950 01	1.7760 04	1.1670 03	5.8330 02	3.9850-10	6.0710 00	3.5580-02	3.3910 00	9.9920-01	0.0	0.0
89	2.5120 01	1.8410 04	1.3900 03	6.9450 02	4.5760-10	6.4460 00	-4.5610-01	4.3860 00	9.9930-01	0.0	0.0
91	3.1620 01	1.9100 04	1.6540 03	8.2680 02	5.2510-10	6.8400 00	3.7270-01	3.0240 00	9.9930-01	0.0	0.0
93	3.9810 01	1.9800 04	1.9680 03	9.8370 02	6.0280-10	7.2860 00	7.3760-03	2.5220 00	9.9930-01	0.0	0.0
95	5.0120 01	2.0550 04	2.3400 03	1.1700 03	6.9030-10	7.7300 00	-2.2320-02	2.3070 00	9.9940-01	0.0	0.0
97	6.3100 01	2.1360 04	2.7810 03	1.3900 03	7.8930-10	8.1770 00	-1.3580-01	2.2180 00	9.9940-01	0.0	0.0
99	7.9430 01	2.2220 04	3.3070 03	1.5530 03	9.0240-10	8.6510 00	-1.9980-01	1.6870 00	9.9940-01	0.0	0.0

TEFF = 10000.0 LOG(G) = 2.50 X = 1.00000 Y = 0.0

_LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	8.874D-04	1061.56	4.421D 05	2050.00	3.552D 07	3696.18	1.894D 07	4034.83	4.581D 07
546.43	1.023D-02	1086.41	1.549D 06	2127.72	3.446D 07	3697.15	1.510D 07	4078.38	4.400D 07
649.38	1.019D 00	1100.00	2.526D 06	2292.47	3.225D 07	3698.31	1.963D 07	4101.73	1.040D 07
800.11	8.654D 01	1112.26	3.629D 06	2484.88	2.988D 07	3700.50	2.324D 07	4141.06	4.286D 07
911.76	8.051D 02	1136.26	6.207D 06	2600.00	2.861D 07	3702.69	1.901D 07	4217.72	4.102D 07
911.76	8.051D 02	1161.33	8.921D 06	2600.00	2.861D 07	3703.85	1.380D 07	4297.27	3.888D 07
913.07	2.699D 03	1175.00	9.915D 06	2677.27	2.780D 07	3705.25	2.009D 07	4340.46	9.792D 06
915.54	3.129D 03	1181.83	9.948D 06	2837.09	2.621D 07	3707.91	2.540D 07	4422.28	3.607D 07
918.03	3.402D 03	1194.99	7.535D 06	3017.20	2.466D 07	3710.55	1.997D 07	4586.15	3.264D 07
919.35	3.523D 03	1208.45	4.034D 05	3121.75	2.374D 07	3711.97	1.302D 07	4762.63	2.933D 07
919.63	3.547D 03	1215.67	1.268D 05	3121.76	2.374D 07	3713.69	2.140D 07	4861.32	8.886D 06
920.16	3.585D 03	1216.42	1.276D 05	3169.76	2.334D 07	3716.95	2.836D 07	4892.89	2.694D 07
920.63	3.639D 03	1217.83	1.490D 05	3264.93	2.258D 07	3720.21	2.123D 07	4953.86	2.622D 07
920.96	3.665D 03	1219.25	1.891D 05	3365.99	2.181D 07	3721.94	1.240D 07	5016.38	2.531D 07
921.34	3.696D 03	1220.00	2.239D 05	3421.87	2.139D 07	3724.08	2.314D 07	5050.00	2.483D 07
922.06	3.743D 03	1223.41	5.534D 05	3421.87	2.139D 07	3728.14	3.207D 07	5123.58	2.382D 07
922.77	3.810D 03	1229.92	4.910D 06	3458.74	2.111D 07	3732.22	2.369D 07	5269.12	2.196D 07
923.15	3.843D 03	1236.50	1.053D 07	3530.87	2.059D 07	3734.37	1.210D 07	5423.16	2.018D 07
923.68	3.885D 03	1240.00	1.284D 07	3606.08	2.006D 07	3737.09	2.631D 07	5508.11	1.928D 07
924.69	3.986D 03	1249.96	1.736D 07	3647.05	1.977D 07	3742.24	3.635D 07	5665.32	1.773D 07
925.69	4.054D 03	1269.29	2.214D 07	3647.05	1.900D 07	3747.42	2.651D 07	5989.38	1.501D 07
926.22	4.098D 03	1289.23	2.524D 07	3649.67	1.903D 07	3750.15	1.184D 07	6352.76	1.255D 07
927.00	4.160D 03	1300.00	2.660D 07	3654.64	1.991D 07	3753.67	2.999D 07	6562.80	5.428D 06
928.48	4.348D 03	1316.23	2.840D 07	3659.62	2.165D 07	3760.36	4.086D 07	6797.77	1.019D 07
929.96	4.395D 03	1348.15	3.129D 07	3662.26	2.248D 07	3767.08	3.115D 07	7292.74	8.184D 06
930.75	4.458D 03	1381.65	3.368D 07	3665.27	2.290D 07	3770.63	1.168D 07	7865.45	6.443D 06
931.96	4.594D 03	1400.00	3.476D 07	3670.98	2.173D 07	3775.31	3.524D 07	8205.87	5.628D 06
934.26	4.949D 03	1419.35	3.563D 07	3676.71	2.019D 07	3784.22	4.492D 07	8205.87	6.123D 06
936.58	5.036D 03	1457.53	3.720D 07	3679.74	1.971D 07	3793.16	3.560D 07	8862.47	5.193D 06
937.80	5.079D 03	1497.83	3.837D 07	3680.27	2.022D 07	3797.91	1.146D 07	10448.64	2.946D 06
939.84	5.483D 03	1520.00	3.884D 07	3681.28	2.034D 07	3804.32	3.999D 07	12726.36	1.471D 06
943.74	6.103D 03	1545.12	3.909D 07	3682.28	1.923D 07	3816.55	4.784D 07	14380.00	9.503D 05
947.66	6.324D 03	1595.10	3.957D 07	3682.81	1.839D 07	3828.85	4.103D 07	15890.88	6.937D 05
949.74	6.153D 03	1648.41	3.969D 07	3683.50	1.959D 07	3835.38	1.124D 07	19843.04	3.044D 05
953.60	7.382D 03	1678.00	3.962D 07	3684.82	2.062D 07	3844.54	4.473D 07	26411.82	1.054D 05
956.00	8.982D 03	1723.39	3.927D 07	3686.13	1.906D 07	3852.03	4.435D 07	32000.00	5.061D 04
961.00	1.003D 04	1816.53	3.837D 07	3686.83	1.750D 07	3879.67	4.435D 07	34121.04	3.955D 04
968.52	1.003D 04	1920.32	3.722D 07	3687.84	1.948D 07	3899.05	1.083D 07	39024.39	2.358D 04
972.54	8.834D 03	1980.00	3.646D 07	3689.19	2.111D 07	3902.80	4.667D 07	45573.51	1.293D 04
981.32	1.536D 04	1991.74	3.630D 07	3690.73	1.873D 07	3929.14	4.839D 07	50000.00	9.025D 03
998.42	4.451D 04	2014.39	3.600D 07	3691.55	1.623D 07	3955.84	4.591D 07	54724.75	6.350D 03
1016.12	4.677D 04	2037.56	3.569D 07	3692.52	1.930D 07	3970.07	1.045D 07	66666.67	2.939D 03
1025.72	1.779D 04	2050.00	3.552D 07	3694.35	2.193D 07	3992.20	4.627D 07	85275.25	1.120D 03
1037.82	4.590D 04								

TEFF = 10000.0 LOG(G) = 3.00 X = 1.00000 Y = 0.0													
I	TAJ	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3		
1	1.0000-08	7.7730 03	2.5470-05	1.2730-05	1.9860-17	3.9750-01	-4.8250-01	-2.8550 02	1.0000 00	0.0	0.0		
3	1.0000-07	7.7720 03	2.5020-04	1.2510-04	1.9510-16	3.9750-01	-4.8250-01	-4.2210 02	1.0000 00	0.0	0.0		
5	1.0000-06	7.7750 03	2.4970-03	1.2480-03	1.9470-15	3.9760-01	-4.8250-01	-4.2230 02	9.9950-01	0.0	0.0		
7	1.0000-05	7.7850 03	2.4940-02	1.2440-02	1.9460-14	3.9820-01	-1.0550 00	-4.2280 02	9.9560-01	0.0	0.0		
9	1.0000-04	7.7970 03	2.4740-01	1.2120-01	1.9620-13	4.0430-01	-1.4340 00	3.4550 00	9.6020-01	0.0	0.0		
11	1.0000-03	7.8090 03	2.3300 00	9.9980-01	2.0650-12	4.4510-01	-1.6530 00	1.1220 01	7.5150-01	0.0	0.0		
13	1.3590-03	7.8140 03	3.1140 00	1.2870 00	2.8340-12	4.5690-01	-1.8580 00	1.1250 01	7.0460-01	0.0	0.0		
15	1.3480-03	7.8220 03	4.1460 00	1.6430 00	3.8790-12	4.7130-01	-1.8550 00	1.1290 01	6.5650-01	0.0	0.0		
17	2.5120-03	7.8330 03	5.5010 00	2.0820 00	5.2900-12	4.8890-01	-1.5340 00	1.1340 01	6.0910-01	0.0	0.0		
19	3.4150-03	7.8500 03	7.2610 00	2.6220 00	7.1640-12	5.1170-01	-1.5070 00	1.1420 01	5.6510-01	0.0	0.0		
21	4.6420-03	7.8760 03	9.5260 00	3.2890 00	9.5990-12	5.4250-01	-1.5690 00	1.1530 01	5.2730-01	0.0	0.0		
23	6.3100-03	7.9140 03	1.2390 00	4.1220 00	1.2670-11	5.8580-01	-1.5180 00	1.1690 01	4.9840-01	0.0	0.0		
25	9.5770-03	7.9700 03	1.5940 00	5.1170 00	1.6370-11	6.4790-01	-1.4150 00	1.1910 01	4.8070-01	0.0	0.0		
27	1.1660-02	8.0450 03	2.0220 00	6.5140 00	2.0640-11	7.3580-01	-1.3060 00	1.2190 01	4.7540-01	0.0	0.0		
29	1.5850-02	8.1400 03	2.5240 00	8.2090 00	2.5370-11	8.5530-01	-1.0750 00	1.2490 01	4.8190-01	0.0	0.0		
31	2.1540-02	8.2510 03	3.1010 00	1.0310 00	3.0400-11	1.0100 00	-8.2320-01	1.2760 01	4.9820-01	0.0	0.0		
33	2.9290-02	8.3720 03	3.7540 00	1.2860 00	3.5730-11	1.2010 00	-7.2700-01	1.2970 01	5.2130-01	0.0	0.0		
35	3.9810-02	8.5040 03	4.4980 00	1.5960 00	4.1360-11	1.4330 00	-5.4350-01	1.3120 01	5.5020-01	0.0	0.0		
37	5.4120-02	8.6560 03	5.3210 00	1.9720 00	4.6910-11	1.7190 00	-1.4080-01	1.3960 01	5.8870-01	0.0	0.0		
39	7.3560-02	8.8270 03	6.2390 00	2.4240 00	5.2390-11	2.0610 00	-3.2680-01	1.2080 01	6.3540-01	0.0	0.0		
41	1.0000-01	9.0170 03	7.2720 00	2.9610 00	5.7940-11	2.4520 00	4.4040-01	1.0650 01	6.8700-01	0.0	0.0		
43	1.2590-01	9.1810 03	8.1370 00	3.4340 00	6.2090-11	2.7790 00	4.5070-01	9.4310 00	7.3020-01	0.0	0.0		
45	1.5850-01	9.3620 03	9.0980 00	3.9690 00	6.6410-11	3.1190 00	1.5120-01	8.3520 00	7.7380-01	0.0	0.0		
47	1.9950-01	9.5700 03	1.0170 00	4.5810 00	7.0850-11	3.4610 00	1.0410-01	7.6110 00	8.1890-01	0.0	0.0		
49	2.5120-01	9.7910 03	1.1400 00	5.2630 00	7.5940-11	3.7840 00	6.5310-02	6.9640 00	8.5800-01	0.0	0.0		
51	3.1520-01	1.0030 04	1.2810 00	6.0370 00	8.1840-11	4.0840 00	8.1670-02	6.3500 00	8.9150-01	0.0	0.0		
53	3.9810-01	1.0280 04	1.4460 00	6.9230 00	8.8860-11	4.3600 00	5.7490-02	5.6790 00	9.1820-01	0.0	0.0		
55	5.0120-01	1.0560 04	1.6420 00	7.9540 00	9.7230-11	4.8690 00	1.7390-01	4.4610 00	9.5560-01	0.0	0.0		
57	6.3100-01	1.0850 04	1.8770 00	9.1710 00	1.0720-10	5.1120 00	1.5400-01	3.5610 00	9.6800-01	0.0	0.0		
59	7.9430-01	1.1170 04	2.1590 00	1.0620 00	1.1900-10	5.1120 00	1.5400-01	3.5610 00	9.6800-01	0.0	0.0		
61	1.0000 00	1.1510 04	2.5000 00	1.2350 00	1.3320-10	5.3630 00	3.5210-02	2.9260 00	9.7690-01	0.0	0.0		
63	1.2590 00	1.1670 04	2.9110 00	1.4430 00	1.4990-10	5.6270 00	1.7150-03	2.7360 00	9.8340-01	0.0	0.0		
65	1.5850 00	1.2240 04	3.4060 00	1.6930 00	1.6970-10	5.9230 00	1.5300-01	2.0990 00	9.8790-01	0.0	0.0		
67	1.9950 00	1.2630 04	4.0010 00	1.9920 00	1.9290-10	6.2430 00	-6.5710-02	1.7460 00	9.9100-01	0.0	0.0		
69	2.5120 00	1.3050 04	4.7160 00	2.3500 00	2.1980-10	6.5650 00	-4.5170-01	2.7270 00	9.9290-01	0.0	0.0		
71	3.1620 00	1.3510 04	5.5780 00	2.7810 00	2.5100-10	6.9020 00	-2.5960-01	4.1900 00	9.9440-01	0.0	0.0		
73	3.9810 00	1.3960 04	6.6110 00	3.2980 00	2.8770-10	7.3170 00	2.2710-02	4.1370 00	9.9550-01	0.0	0.0		
75	5.0120 00	1.4420 04	7.8400 00	3.9130 00	3.3020-10	7.7740 00	-2.5810-01	4.4160 00	9.9640-01	0.0	0.0		
77	6.3100 00	1.4910 04	9.3040 00	4.6450 00	3.7870-10	8.2420 00	-6.3530-02	4.8590 00	9.9710-01	0.0	0.0		
79	7.9430 00	1.5430 04	1.1050 00	5.5180 00	4.3450-10	8.7460 00	1.4190-01	4.0950 00	9.9770-01	0.0	0.0		
81	1.0000 00	1.5960 04	1.3120 00	6.5550 00	4.9890-10	9.3070 00	-2.4110-01	3.7950 00	9.9820-01	0.0	0.0		
83	1.2590 00	1.6520 04	1.5580 00	7.7870 00	5.7230-10	9.8940 00	-2.4810-01	4.0990 00	9.9860-01	0.0	0.0		
85	1.5850 00	1.7080 04	1.8500 00	9.2460 00	6.5700-10	1.0550 00	-1.2750-01	4.6300 00	9.9870-01	0.0	0.0		
87	1.9950 00	1.7660 04	2.1960 00	1.0970 00	7.5400-10	1.1270 00	4.5710-01	3.0470 00	9.9880-01	0.0	0.0		
89	2.5120 00	1.8270 04	2.6030 00	1.3010 00	8.6420-10	1.2020 00	5.5770-02	1.8530 00	9.9880-01	0.0	0.0		
91	3.1620 00	1.8930 04	3.0850 00	1.5420 00	9.8850-10	1.2770 00	-6.9060-02	1.6930 00	9.9880-01	0.0	0.0		
93	3.9810 00	1.9640 04	3.6570 00	1.8280 00	1.1290-09	1.3530 00	-1.5690-01	3.1740 00	9.9890-01	0.0	0.0		
95	5.0120 00	2.0390 04	4.3380 00	2.1680 00	1.2900-09	1.4340 00	5.4470-01	2.6720 00	9.9900-01	0.0	0.0		
97	6.3100 00	2.1140 04	5.1450 00	2.5710 00	1.4760-09	1.5290 00	-1.4470-01	2.3710 00	9.9900-01	0.0	0.0		
99	7.9430 00	2.1940 04	6.1000 00	3.0490 00	1.6860-09	1.6240 00	-9.5360-02	2.0490 00	9.9910-01	0.0	0.0		

TEFF = 10000.0				LOG(G) =		3.00		X =		1.00000		Y =		0.0	
_LAM	F LAM		LAM		F LAM		LAM		F LAM		LAM		F LAM		
911.76	2.9860	03	1061.56	1.1640	05	2050.00	3.5520	07	3696.18	1.9010	07	4034.83	4.7540	07	
912.86	3.1290	03	1086.41	4.6300	05	2127.72	3.4310	07	3697.15	1.6810	07	4078.38	4.4960	07	
914.94	3.2460	03	1100.00	8.8260	05	2292.47	3.2400	07	3698.31	1.9530	07	4101.73	1.1530	07	
917.02	3.3710	03	1112.26	1.4040	06	2484.88	3.0120	07	3700.50	2.1710	07	4141.06	4.4380	07	
918.13	3.4380	03	1136.26	2.8300	06	2600.00	2.8840	07	3702.69	1.8830	07	4217.72	4.2670	07	
918.13	3.4380	03	1161.33	4.6050	06	2600.00	2.8840	07	3703.85	1.5300	07	4297.27	4.0230	07	
918.34	3.4510	03	1175.00	5.1520	06	2677.27	2.8030	07	3705.25	1.9620	07	4340.46	1.1160	07	
918.74	3.4760	03	1181.83	4.9960	06	2837.09	2.6440	07	3707.91	2.3040	07	4422.28	3.7370	07	
919.14	3.5000	03	1194.99	2.8540	06	3017.20	2.4960	07	3710.56	1.9170	07	4586.15	3.3750	07	
919.35	3.5140	03	1208.45	2.3200	05	3121.75	2.4010	07	3711.97	1.4060	07	4762.63	3.0230	07	
919.63	3.5320	03	1215.67	1.1970	05	3121.76	2.4010	07	3713.69	2.0280	07	4861.32	1.0070	07	
920.16	3.5640	03	1216.42	1.2040	05	3169.76	2.3600	07	3716.95	2.5110	07	4892.89	2.7490	07	
920.68	3.5990	03	1217.83	1.3260	05	3264.93	2.2510	07	3720.21	1.9720	07	4953.86	2.6960	07	
920.96	3.6180	03	1219.25	1.5620	05	3365.99	2.2010	07	3721.94	1.2940	07	5016.38	2.6020	07	
921.34	3.6430	03	1220.00	1.7280	05	3421.87	2.1580	07	3724.08	2.1200	07	5050.00	2.5520	07	
922.06	3.6860	03	1223.41	2.8010	05	3421.87	2.1580	07	3726.14	2.8140	07	5123.58	2.4460	07	
922.77	3.7360	03	1229.92	1.3930	06	3458.74	2.1300	07	3732.22	2.1340	07	5269.12	2.2520	07	
923.15	3.7610	03	1236.50	4.5350	06	3530.87	2.0760	07	3734.37	1.2400	07	5423.16	2.0660	07	
923.68	3.7970	03	1240.00	6.4180	06	3606.08	2.0220	07	3737.09	2.3390	07	5508.11	1.9720	07	
924.63	3.8720	03	1243.96	1.0760	07	3647.05	1.9930	07	3742.24	3.2080	07	5665.32	1.8120	07	
925.69	3.9360	03	1269.29	1.6070	07	3647.05	1.9140	07	3747.42	2.3390	07	5889.38	1.5310	07	
926.22	3.9730	03	1289.23	1.9680	07	3649.57	1.9130	07	3750.15	1.2050	07	6352.76	1.2770	07	
927.00	4.0260	03	1300.00	2.1290	07	3654.64	1.9660	07	3753.67	2.6190	07	6562.80	6.2390	06	
928.48	4.1580	03	1316.23	2.3480	07	3659.62	2.0850	07	3760.36	3.6820	07	6797.77	1.0350	07	
929.96	4.2340	03	1348.15	2.7060	07	3662.26	2.1560	07	3767.08	2.7150	07	7292.74	8.3040	06	
930.75	4.2900	03	1381.65	3.0090	07	3665.27	2.2260	07	3770.63	1.1920	07	7865.45	6.5290	06	
931.96	4.3930	03	1400.00	3.1490	07	3670.98	2.2640	07	3775.31	3.0920	07	8205.87	5.6990	06	
934.26	4.5390	03	1413.35	3.2780	07	3676.71	2.1600	07	3784.22	4.1860	07	8205.87	6.2520	06	
936.58	4.7630	03	1457.53	3.4870	07	3679.74	2.0910	07	3793.16	3.1270	07	8862.47	5.2980	06	
937.80	4.8340	03	1497.93	3.6500	07	3680.27	2.1050	07	3797.90	1.1840	07	10448.64	2.9930	06	
939.84	5.1010	03	1520.00	3.7170	07	3681.28	2.0940	07	3804.32	3.5900	07	12726.36	1.4900	06	
943.74	5.5620	03	1545.12	3.7640	07	3682.28	2.0290	07	3816.55	4.6360	07	14380.00	9.6060	05	
947.66	5.8210	03	1595.10	3.8480	07	3682.81	1.9880	07	3828.85	3.7180	07	15890.88	7.0220	05	
949.74	5.9310	03	1648.41	3.8890	07	3683.50	2.0350	07	3835.38	1.1800	07	19843.04	3.0720	05	
953.60	6.6200	03	1679.00	3.8950	07	3684.82	2.0700	07	3844.54	4.2070	07	26411.82	1.0610	05	
951.00	7.8350	03	1723.39	3.8730	07	3686.13	1.9800	07	3862.03	4.9210	07	32000.00	5.0880	04	
958.52	8.7320	03	1816.53	3.8100	07	3686.83	1.9040	07	3879.67	4.1920	07	34121.04	3.9750	04	
972.54	8.2630	03	1920.32	3.7100	07	3687.64	1.9960	07	3899.05	1.1750	07	39024.39	2.3670	04	
981.32	1.1750	04	1980.00	3.6390	07	3689.19	2.0660	07	3902.80	4.5890	07	45573.51	1.2970	04	
998.42	3.3570	04	1991.74	3.6260	07	3690.73	1.9240	07	3929.14	4.9690	07	50000.00	9.0450	03	
1016.12	2.8580	04	2014.39	3.5980	07	3691.55	1.7900	07	3955.84	4.5640	07	54724.75	6.3610	03	
1025.72	1.5700	04	2037.56	3.5680	07	3692.52	1.9580	07	3970.70	1.1680	07	66666.67	2.9410	03	
1037.82	3.5540	04	2050.00	3.5520	07	3694.35	2.1000	07	3992.20	4.7210	07	85275.25	1.1190	03	

TEFF = 10000.0 LOG(G) = 3.50 X = 1.00000 Y = 0.0											
I	TAJ	TE	PG	PE	RHD	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-03	6.3810 03	3.0950-05	4.0470-05	7.1310-17	3.9740-01	-5.1660-01	-3.5610 01	9.9970-01	0.0	0.0
3	1.0000-07	6.3670 03	7.9620-04	3.9750-04	7.0370-16	3.9650-01	-5.1660-01	-3.4720 02	9.9710-01	0.0	0.0
5	1.0000-06	6.8630 03	8.0420-03	3.9630-03	7.2050-15	3.8760-01	-5.2640-01	-3.7300 02	9.7160-01	0.0	0.0
7	1.0000-05	7.4100 03	8.0290-02	3.9280-02	6.7080-14	3.9000-01	-7.1550-01	-3.2670 02	9.5790-01	0.0	0.0
9	1.0000-04	7.8020 03	7.8310-01	3.6860-01	6.4380-13	4.1720-01	-1.3500 00	9.3190 00	8.8950-01	0.0	0.0
11	1.0000-03	7.7920 03	6.9910 00	2.4520 00	7.0620-12	4.8040-01	-1.7130 00	9.1180 01	5.4010-01	0.0	0.0
13	1.3590-03	7.7940 03	9.3030 00	3.0490 00	9.7260-12	4.9390-01	-1.5530 00	1.1860 01	4.8750-01	0.0	0.0
15	1.8480-03	7.8020 03	1.2350 01	3.6770 00	1.3320-11	5.1140-01	-1.7680 00	1.1910 01	4.3990-01	0.0	0.0
17	2.5120-03	7.8170 03	1.6320 01	4.6560 00	1.8090-11	5.3590-01	-1.6230 00	1.1990 01	3.9920-01	0.0	0.0
19	3.4150-03	7.8430 03	2.1420 01	5.7530 00	2.4210-11	5.7210-01	-1.4830 00	1.2090 01	3.6730-01	0.0	0.0
21	4.6420-03	7.8850 03	2.7810 01	7.1400 00	3.1780-11	6.2640-01	-1.4290 00	1.2230 01	3.4540-01	0.0	0.0
23	6.3100-03	7.9450 03	3.5640 01	8.9140 00	4.0770-11	7.0590-01	-1.4290 00	1.2410 01	3.3360-01	0.0	0.0
25	8.5770-03	8.0230 03	4.4900 01	1.1180 01	5.0940-11	8.1780-01	-1.1370 00	1.2620 01	3.3160-01	0.0	0.0
27	1.1660-02	8.1150 03	5.5610 01	1.4030 01	5.2120-11	9.6690-01	-9.7350-01	1.2830 01	3.3730-01	0.0	0.0
29	1.5350-02	8.2180 03	6.7830 01	1.7540 01	7.4190-11	1.1560 00	-7.5310-01	1.3000 01	3.4870-01	0.0	0.0
31	2.1540-02	8.3280 03	8.1580 01	2.7030 01	1.0040-10	1.6860 00	-4.2060-01	1.3050 01	3.8650-01	0.0	0.0
33	2.9290-02	8.4490 03	9.6980 01	3.3510 01	1.1400-10	2.6610 00	-3.1300-01	1.2940 01	4.1510-01	0.0	0.0
35	3.9810-02	8.5840 03	1.1420 02	4.1420 01	1.2720-10	2.5370 00	-1.5600-02	1.2560 01	4.5190-01	0.0	0.0
37	5.4120-02	8.7360 03	1.3310 02	4.1420 01	1.2720-10	2.5370 00	-1.5600-02	1.2560 01	4.5190-01	0.0	0.0
39	7.3560-02	9.0650 03	1.5380 02	5.1090 01	1.3980-10	3.1330 00	4.1920-01	1.1630 01	4.9760-01	0.0	0.0
41	1.0000-01	9.0970 03	1.7640 02	6.2780 01	1.5140-10	3.8660 00	4.7450-01	1.0120 01	5.5250-01	0.0	0.0
43	1.2590-01	9.2560 03	1.9470 02	7.2950 01	1.5950-10	4.5000 00	4.3450-01	8.8790 00	5.9910-01	0.0	0.0
45	1.5850-01	9.4310 03	2.1450 02	8.4470 01	1.6710-10	5.1990 00	3.3080-01	7.5900 00	6.4960-01	0.0	0.0
47	1.9950-01	9.6320 03	2.3600 02	9.7640 01	1.7410-10	5.9600 00	1.3860-01	6.6050 00	7.0560-01	0.0	0.0
49	2.5120-01	9.8530 03	2.5970 02	1.1230 02	1.8140-10	6.7200 00	1.9920-01	5.8300 00	7.6130-01	0.0	0.0
51	3.1620-01	1.0100 04	2.8630 02	1.2850 02	1.8930-10	7.4380 00	1.1150-01	4.9930 00	8.1460-01	0.0	0.0
53	3.9810-01	1.0360 04	3.1680 02	1.4630 02	1.9950-10	8.0670 00	5.3910-02	4.3170 00	8.5830-01	0.0	0.0
55	5.0120-01	1.0630 04	3.5250 02	1.6630 02	2.1220-10	9.6250 00	1.1440-01	3.7960 00	8.9340-01	0.0	0.0
57	6.3120-01	1.0920 04	3.9480 02	1.8920 02	2.2820-10	9.1340 00	4.3490-02	3.1990 00	9.2060-01	0.0	0.0
59	7.9430-01	1.1240 04	4.4550 02	2.1610 02	2.4740-10	9.5870 00	-2.0190-01	3.3050 00	9.4240-01	0.0	0.0
61	1.0000 00	1.1580 04	5.0660 02	2.4800 02	2.7080-10	1.0020 01	-2.7280-01	3.7780 00	9.5870-01	0.0	0.0
63	1.2590 00	1.1940 04	5.8060 02	2.8600 02	2.9920-10	1.0450 01	-1.50150-01	4.2130 00	9.7040-01	0.0	0.0
65	1.5850 00	1.2300 04	6.7000 02	3.3140 02	3.3360-10	1.0950 01	-2.1030-02	4.0750 00	9.7840-01	0.0	0.0
67	1.9950 00	1.2690 04	7.7780 02	3.8570 02	3.7430-10	1.1430 01	-1.11560-01	4.0770 00	9.8390-01	0.0	0.0
69	2.5120 00	1.3110 04	9.0760 02	4.5090 02	4.2230-10	1.2040 01	-1.17680-01	4.3250 00	9.8740-01	0.0	0.0
71	3.1620 00	1.3550 04	1.0640 03	5.2930 02	4.7830-10	1.2650 01	9.2470-02	4.1450 00	9.9020-01	0.0	0.0
73	3.9810 00	1.4000 04	1.2510 03	6.2320 02	5.4390-10	1.3350 01	-5.0040-02	3.5110 00	9.9230-01	0.0	0.0
75	5.0120 00	1.4470 04	1.4750 03	7.3550 02	6.1980-10	1.4110 01	-1.11840-01	3.9380 00	9.9430-01	0.0	0.0
77	6.3100 00	1.4950 04	1.7420 03	8.6890 02	7.0800-10	1.4990 01	1.7260-01	3.4540 00	9.9520-01	0.0	0.0
79	7.9430 00	1.5430 04	2.0580 03	1.0270 03	8.0980-10	1.5960 01	-8.5070-02	2.9310 00	9.9620-01	0.0	0.0
81	1.0000 01	1.5970 04	2.4340 03	1.2150 03	9.2510-10	1.6920 01	-2.39490-01	3.7770 00	9.9700-01	0.0	0.0
83	1.2590 01	1.6530 04	2.8880 03	1.4380 03	1.0570-09	1.7940 01	-5.5560-02	4.6620 00	9.9760-01	0.0	0.0
85	1.5850 01	1.7070 04	3.4090 03	1.7030 03	1.2120-09	1.9200 01	2.39840-01	3.0000 00	9.9790-01	0.0	0.0
87	1.9950 01	1.7600 04	4.0310 03	2.0130 03	1.3900-09	2.0630 01	4.9340-02	1.2930 00	9.9790-01	0.0	0.0
89	2.5120 01	1.8200 04	4.7620 03	2.3790 03	1.5880-09	2.1990 01	-2.7230-01	1.6110 00	9.9800-01	0.0	0.0
91	3.1620 01	1.8860 04	5.6290 03	3.8120 03	1.8100-09	2.3280 01	-3.2570-01	2.0130 00	9.9810-01	0.0	0.0
93	3.9810 01	1.9580 04	6.6610 03	3.3270 03	2.0630-09	2.4620 01	5.8600-01	1.6260 00	9.9820-01	0.0	0.0
95	5.0120 01	2.0290 04	7.8850 03	3.9390 03	2.3570-09	2.6210 01	1.3680-01	1.5970 00	9.9830-01	0.0	0.0
97	6.3100 01	2.1040 04	9.3350 03	4.6640 03	2.6910-09	2.7880 01	3.2070-01	1.4350 00	9.9850-01	0.0	0.0
99	7.9430 01	2.1840 04	1.1050 04	5.5220 03	3.0700-09	2.9610 01	4.3320-01	1.3690 00	9.9860-01	0.0	0.0



	TEFF = 10000.0	LOG(G) =	3.50	X =	1.00000	Y =	0.0	
_AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	F LAM
504.26	9.2375-04	1061.56	4.694D 04	2050.00	3.594D 07	3698.18	1.983D 07	4034.83
546.43	1.051D-02	1086.41	1.626D 05	2127.72	3.502D 07	3697.15	1.861D 07	4078.38
643.38	1.015D 00	1100.00	2.943D 05	2292.47	3.300D 07	3698.31	2.009D 07	4101.73
800.11	8.321D C1	1112.26	4.952D 05	2484.88	3.073D 07	3700.50	2.121D 07	4141.06
911.76	7.678D 02	1136.26	1.206D 06	2600.00	2.945D 07	3702.69	1.933D 07	4217.72
911.76	7.677D 02	1161.33	2.082D 06	2600.00	2.945D 07	3703.85	1.718D 07	4297.27
913.07	2.444D 03	1175.00	2.263D 06	2677.27	2.862D 07	3705.25	1.986D 07	4340.46
915.54	3.011D 03	1181.83	2.076D 06	2837.09	2.700D 07	3707.91	2.192D 07	4422.28
918.03	3.317D 03	1194.99	9.082D 05	3017.20	2.555D 07	3710.54	1.932D 07	4586.15
919.35	3.424D 03	1208.45	1.826D 05	3121.75	2.456D 07	3711.97	1.578D 07	4762.63
919.63	3.446D 03	1215.67	1.143D 05	3121.76	2.456D 07	3713.69	2.015D 07	4861.32
920.16	3.478D 03	1216.42	1.150D 05	3169.76	2.413D 07	3716.95	2.316D 07	4892.89
920.68	3.516D 03	1217.83	1.208D 05	3264.93	2.331D 07	3720.21	1.926D 07	4953.86
920.96	3.536D 03	1219.25	1.363D 05	3365.99	2.247D 07	3721.94	1.398D 07	5016.38
921.34	3.562D 03	1220.00	1.476D 05	3421.97	2.202D 07	3724.08	2.042D 07	5050.00
922.06	3.606D 03	1223.41	2.181D 05	3421.87	2.202D 07	3728.14	2.526D 07	5123.58
922.77	3.653D 03	1229.92	4.944D 05	3458.74	2.172D 07	3732.22	2.015D 07	5269.12
923.15	3.677C 03	1236.50	1.554D 06	3530.87	2.117D 07	3734.37	1.291D 07	5423.16
923.68	3.710D 03	1240.00	2.465D 06	3606.08	2.060D 07	3737.09	2.174D 07	5508.11
924.69	3.776D 03	1249.96	5.521D 06	3647.05	2.030D 07	3742.24	2.835D 07	5665.32
925.69	3.838D 03	1269.29	1.042D 07	3647.05	1.950D 07	3747.42	2.138D 07	5989.38
926.22	3.871D 03	1289.23	1.419D 07	3649.67	1.948D 07	3750.15	1.213D 07	6352.76
927.00	3.920D 03	1300.00	1.590D 07	3654.64	1.980D 07	3753.67	2.355D 07	6562.80
928.48	4.013D 03	1316.23	1.819D 07	3659.62	2.057D 07	3760.36	3.260D 07	6797.77
929.96	4.111D 03	1348.15	2.213D 07	3662.26	2.109D 07	3767.08	2.408D 07	7292.74
930.75	4.163D 03	1381.65	2.562D 07	3665.27	2.169D 07	3770.63	1.182D 07	7865.45
931.96	4.243D 03	1400.00	2.729D 07	3670.98	2.253D 07	3775.31	2.718D 07	8205.87
934.26	4.401D 03	1419.35	2.890D 07	3676.71	2.261D 07	3784.22	3.775D 07	8205.87
936.58	4.563D 03	1457.53	3.160D 07	3679.74	2.233D 07	3793.16	2.744D 07	8862.47
937.80	4.652D 03	1497.83	3.331D 07	3680.27	2.236D 07	3797.90	1.163D 07	10448.64
939.84	4.807D 03	1520.00	3.478D 07	3681.28	2.225D 07	3804.32	3.164D 07	12726.36
943.74	5.145D 03	1545.12	3.565D 07	3682.28	2.188D 07	3816.55	4.323D 07	14380.00
947.66	5.436D 03	1595.10	3.697D 07	3682.81	2.164D 07	3828.85	3.291D 07	15890.88
949.74	5.593D 03	1548.41	3.732D 07	3683.50	2.181D 07	3835.38	1.150D 07	19843.04
953.60	6.045D 03	1678.00	3.809D 07	3684.82	2.182D 07	3844.54	3.812D 07	26411.82
961.00	7.015D 03	1723.39	3.822D 07	3686.13	2.123D 07	3862.03	4.770D 07	32000.00
968.52	7.806D 03	1815.53	3.795D 07	3686.83	2.079D 07	3879.67	3.813D 07	34121.04
972.54	7.834D 03	1920.32	3.728D 07	3687.64	2.115D 07	3889.05	1.124D 07	39024.39
981.32	1.027D 04	1980.00	3.672D 07	3689.19	2.131D 07	3902.80	4.338D 07	45573.51
998.42	1.578D 04	1991.74	3.657D 07	3690.73	2.040D 07	3929.14	4.974D 07	50000.00
1016.12	1.925D 04	2014.39	3.633D 07	3691.55	1.968D 07	3955.84	4.371D 07	54724.75
1025.72	1.605D 04	2037.56	3.608D 07	3692.32	2.049D 07	3970.07	1.089D 07	66666.67
1037.82	2.932D 04	2050.00	3.594D 07	3694.35	2.109D 07	3992.20	4.684D 07	85275.25

TEFF = 10000.0 LOG(G) = 4.00 X = 1.00000 Y = 0.0

I	TAJ	TE	PG	PE	RHD	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	7.8350 03	2.5640-04	1.2820-04	1.9860-16	3.9750-01	-3.5840-01	-4.2500 02	1.0000 00	0.0	0.0
3	1.0000-07	7.8350 03	2.5180-03	1.2590-03	1.9510-15	3.9760-01	-3.5840-01	-4.2490 02	9.9960-01	0.0	0.0
5	1.0000-06	7.8350 03	2.5120-02	1.2530-02	1.9490-14	3.9830-01	-2.8460-01	-4.2500 02	9.9610-01	0.0	0.0
7	1.0000-05	7.8370 03	2.4880-01	1.2210-01	1.9590-13	4.0560-01	-8.5890-01	-1.0920 02	9.6410-01	0.0	0.0
9	1.0000-04	7.8120 03	2.3450 00	1.0070 00	2.0470-12	4.4610-01	-1.4670 00	7.8990 00	7.5200-01	0.0	0.0
11	1.0000-03	7.7580 03	2.0850 01	5.2130 00	2.4430-11	5.0360-01	-1.5330 00	8.2560 00	3.3340-01	0.0	0.0
13	1.3590-03	7.7630 03	2.7840 01	6.3360 00	3.3580-11	5.2020-01	-1.3910 00	8.2960 00	2.9460-01	0.0	0.0
15	1.8480-03	7.7780 03	3.6960 01	7.7140 00	4.5570-11	5.4720-01	-1.2300 00	8.3470 00	2.6380-01	0.0	0.0
17	2.5120-03	7.8070 03	4.8590 01	9.4480 00	6.0770-11	5.9000-01	-1.2360 00	8.4360 00	2.4140-01	0.0	0.0
19	3.4150-03	7.8520 03	6.3000 01	1.1660 01	7.9240-11	6.5550-01	-1.3140 00	8.5660 00	2.2720-01	0.0	0.0
21	4.6420-03	7.9170 03	8.0330 01	1.4540 01	1.0070-10	7.5240-01	-1.1950 00	8.7410 00	2.2090-01	0.0	0.0
23	6.3100-03	8.0700 03	1.0060 02	1.8260 01	1.2480-10	9.8930-01	-1.0400 00	8.9310 00	2.2170-01	0.0	0.0
25	8.5770-03	8.0940 03	1.2360 02	2.2900 01	1.5090-10	1.0680 00	-9.0590-01	9.1230 00	2.2730-01	0.0	0.0
27	1.1660-02	8.1930 03	1.4960 02	2.8530 01	1.7920-10	1.2870 00	-7.5150-01	9.3010 00	2.3560-01	0.0	0.0
29	1.5950-02	8.2910 03	1.7920 02	3.5180 01	2.1050-10	1.5420 00	-5.0700-01	9.4210 00	2.4440-01	0.0	0.0
31	2.1540-02	8.4000 03	2.1210 02	4.3430 01	2.4340-10	1.8690 00	-2.7730-01	9.4280 00	2.5750-01	0.0	0.0
33	2.9290-02	8.5200 03	2.4890 02	5.3660 01	2.7780-10	2.2880 00	-2.2260-01	9.3300 00	2.7480-01	0.0	0.0
35	3.9310-02	8.6520 03	2.8960 02	6.6290 01	3.1290-10	2.8230 00	-2.0480-01	9.1790 00	2.9680-01	0.0	0.0
37	5.4120-02	8.8050 03	3.3380 02	8.2400 01	3.4610-10	3.5460 00	-1.5290-03	8.9340 00	3.2780-01	0.0	0.0
39	7.3550-02	8.9690 03	3.8150 02	1.0190 02	3.7790-10	4.4520 00	-3.6930-01	8.1840 00	3.6430-01	0.0	0.0
41	1.0000-01	9.1490 03	4.3300 02	1.2550 02	4.0740-10	5.5940 00	8.2730-01	6.5890 00	4.0830-01	0.0	0.0
43	1.2590-01	9.3030 03	4.7390 02	1.7210 02	4.2580-10	6.6830 00	8.4400-01	4.8650 00	4.5000-01	0.0	0.0
45	1.5850-01	9.4750 03	5.1690 02	1.7210 02	4.4100-10	7.9820 00	6.0480-01	3.3260 00	4.9920-01	0.0	0.0
47	1.9950-01	9.6730 03	5.6200 02	2.0120 02	4.5220-10	9.5150 00	3.3940-01	2.2290 00	5.5750-01	0.0	0.0
49	2.5120-01	9.8920 03	6.0970 02	2.3380 02	4.6070-10	1.1210 01	5.0500-02	1.7150 00	6.2200-01	0.0	0.0
51	3.1620-01	1.0130 04	6.6100 02	2.6970 02	4.6800-10	1.2950 01	-2.9090-01	1.8930 00	6.8930-01	0.0	0.0
53	3.9310-01	1.0400 04	7.1740 02	3.0870 02	4.7620-10	1.4610 01	-2.5340-01	2.5690 00	7.5540-01	0.0	0.0
55	5.0120-01	1.0680 04	7.8100 02	3.5020 02	4.8890-10	1.6050 01	1.1370-01	2.5460 00	8.1260-01	0.0	0.0
57	6.3100-01	1.0970 04	8.5490 02	3.9490 02	5.0810-10	1.7240 01	1.9460-01	1.8690 00	8.5850-01	0.0	0.0
59	7.9430-01	1.1370 04	9.4220 02	4.4550 02	5.3300-10	1.8220 01	6.2570-02	1.4080 00	8.9690-01	0.0	0.0
61	1.0000 00	1.1640 04	1.0470 03	5.0340 02	5.6640-10	1.9050 01	-5.3690-02	1.2440 00	9.2590-01	0.0	0.0
63	1.2590 00	1.1990 04	1.1740 03	5.7110 02	6.0960-10	1.9800 01	-6.8220-02	1.4050 00	9.4680-01	0.0	0.0
65	1.5850 00	1.2350 04	1.3290 03	6.5110 02	6.6470-10	2.0610 01	-1.2990-01	1.6190 00	9.6110-01	0.0	0.0
67	1.9950 00	1.2740 04	1.5160 03	7.4610 02	7.3160-10	2.1430 01	-1.9800-01	2.1610 00	9.7110-01	0.0	0.0
69	2.5120 00	1.3150 04	1.7430 03	8.6160 02	9.1230-10	2.3230 01	2.2940-02	2.3830 00	9.7780-01	0.0	0.0
71	3.1620 00	1.3580 04	2.0170 03	9.9990 02	9.0830-10	2.3340 01	1.9950-01	1.5970 00	9.8290-01	0.0	0.0
73	3.9310 00	1.4020 04	2.3480 03	1.1680 03	1.0220-09	2.4500 01	-1.2690-01	1.1000 00	9.8670-01	0.0	0.0
75	5.0120 00	1.4490 04	2.7440 03	1.3650 03	1.1540-09	2.5770 01	-2.9970-01	2.0420 00	9.8970-01	0.0	0.0
77	6.3100 00	1.4970 04	3.2190 03	1.6030 03	1.3090-09	2.7260 01	5.9180-03	2.3960 00	9.9190-01	0.0	0.0
79	7.9430 00	1.5450 04	3.7820 03	1.8850 03	1.4890-09	2.8980 01	3.5690-02	1.9480 00	9.9350-01	0.0	0.0
81	1.0000 01	1.5720 04	4.4500 03	2.2190 03	1.6940-09	3.0710 01	-4.1110-02	1.8390 00	9.9480-01	0.0	0.0
83	1.2590 01	1.6520 04	5.2460 03	2.6180 03	1.9280-09	3.2540 01	8.9380-02	1.2230 00	9.9590-01	0.0	0.0
85	1.5850 01	1.7070 04	6.1890 03	3.0890 03	2.2020-09	3.4710 01	-6.9740-02	1.1270 00	9.9640-01	0.0	0.0
87	1.9950 01	1.7640 04	7.3020 03	3.6450 03	2.5140-09	3.7000 01	-6.2630-01	2.7290 00	9.9660-01	0.0	0.0
89	2.5120 01	1.8320 04	8.6190 03	4.3030 03	2.8700-09	3.9480 01	-8.5290-02	7.9700-01	9.9680-01	0.0	0.0
91	3.1620 01	1.8870 04	1.0170 04	5.0790 03	3.2730-09	4.1990 01	-2.5090-01	1.1590 00	9.9700-01	0.0	0.0
93	3.9310 01	1.9570 04	1.2020 04	6.0010 03	3.7270-09	4.4470 01	-2.9200-01	1.2510 00	9.9720-01	0.0	0.0
95	5.0120 01	2.0300 04	1.4210 04	7.0960 03	4.2480-09	4.7180 01	2.5700-01	1.2240 00	9.9750-01	0.0	0.0
97	6.3100 01	2.1050 04	1.6810 04	8.3940 03	4.8450-09	5.0170 01	2.9850-01	1.1450 00	9.9770-01	0.0	0.0
99	7.9430 01	2.1840 04	1.9880 04	9.9300 03	5.5230-09	5.3370 01	2.4420-02	1.1350 00	9.9790-01	0.0	0.0

T E C C = 1 0 0 0 0 . 0										L O G ( G ) =			X =			Y =			0 . 0		
_ L A M	F L A M	L A M	F L A M	L A M	F L A M	L A M	F L A M	L A M	F L A M	L A M	F L A M	L A M	F L A M	L A M	F L A M	L A M	F L A M	L A M	F L A M	L A M	F L A M
911.76	3.353D 03	1061.56	4.015D 04	2050.00	3.649D 07	3696.18	2.132D 07	4034.83	4.847D 07												
912.86	3.394D 03	1086.41	7.260D C4	2127.72	3.573D 07	3697.15	2.065D 07	4078.38	4.321D 07												
914.94	3.477D 03	1100.20	1.356D 05	2292.47	3.387D 07	3698.31	2.134D 07	4101.73	1.174D 07												
917.02	3.543D 03	1112.26	2.244D 05	2484.88	3.159D 07	3700.50	2.176D 07	4141.06	4.503D 07												
918.13	3.584D 03	1136.26	4.958D C5	2600.00	3.030D 07	3702.69	2.049D 07	4217.72	4.447D 07												
918.13	3.584D 03	1161.33	9.036D 05	2600.00	3.030D 07	3703.85	1.929D 07	4297.27	4.119D 07												
918.34	3.593D 03	1175.00	9.369D C5	2677.27	2.947D 07	3705.25	2.074D 07	4340.46	1.139D 07												
918.74	3.600D 03	1181.83	8.154D C5	2837.09	2.784D 07	3707.91	2.180D 07	4422.28	3.888D 07												
919.14	3.622D 03	1194.99	3.810D 05	3017.20	2.639D 07	3710.56	2.012D 07	4586.15	3.518D 07												
919.35	3.627D C3	1208.45	1.561D 05	3121.75	2.535D 07	3711.97	1.801D 07	4762.63	3.130D 07												
919.63	3.634D 03	1215.67	1.115D 05	3121.76	2.535D 07	3713.69	2.065D 07	4861.32	1.027D 07												
920.16	3.656D 03	1215.42	1.122D 05	3169.76	2.489D 07	3716.95	2.238D 07	4892.89	2.731D 07												
920.64	3.680D 03	1217.83	1.123D 05	3264.93	2.403D 07	3720.21	1.968D 07	4953.86	2.786D 07												
920.96	3.688D 03	1219.25	1.224D 05	3365.99	2.315D 07	3721.94	1.596D 07	5016.38	2.696D 07												
921.34	3.704D C3	1220.00	1.310D C5	3421.87	2.269D 07	3724.08	2.057D 07	5050.00	2.645D 07												
922.06	3.744D 03	1223.41	1.856D 05	3421.87	2.269D 07	3728.14	2.366D 07	5123.58	2.535D 07												
922.77	3.767D C3	1229.92	3.221D 05	3458.74	2.238D 07	3732.22	1.994D 07	5269.12	2.332D 07												
923.15	3.782D 03	1236.50	6.303D C5	3530.87	2.180D 07	3734.37	1.430D 07	5423.16	2.138D 07												
923.68	3.802D 03	1240.00	9.474D C5	3606.08	2.121D 07	3737.09	2.119D 07	5508.11	2.039D 07												
924.69	3.838D 03	1249.96	2.403D 06	3647.05	2.089D 07	3742.24	2.575D 07	5665.32	1.872D 07												
925.69	3.901D 03	1269.29	5.929D 06	3647.05	2.008D 07	3747.42	2.044D 07	5989.38	1.578D 07												
926.22	3.926D 03	1289.23	9.242D 06	3649.67	2.004D 07	3750.15	1.278D 07	6352.76	1.313D 07												
927.00	3.966D C3	1300.00	1.046D 07	3654.64	2.023D 07	3753.67	2.217D 07	6562.80	6.337D 06												
928.48	3.994C 03	1316.23	1.316D 07	3659.62	2.072D 07	3760.36	2.904D 07	6797.77	1.063D 07												
929.96	4.136D C3	1348.15	1.727D C7	3662.26	2.109D 07	3767.08	2.224D 07	7292.74	8.520D 06												
930.75	4.183D 03	1381.65	2.105D 07	3665.27	2.153D 07	3770.63	1.211D 07	7865.45	6.691D 06												
931.96	4.227D 03	1400.00	2.292D 07	3670.98	2.232D 07	3775.31	2.466D 07	8205.87	5.837D 06												
934.26	4.285D C3	1419.35	2.464D 07	3676.71	2.282D 07	3784.22	3.359D 07	8205.87	6.411D 06												
936.58	4.498D 03	1457.53	2.782D 07	3679.74	2.290D 07	3793.16	2.459D 07	8862.47	5.430D 06												
937.80	4.613D 03	1497.83	3.057D 07	3680.27	2.294D 07	3797.90	1.179D C7	10448.64	3.061D 06												
939.84	4.646D 03	1520.00	3.185D 07	3681.28	2.293D 07	3804.32	2.800D 07	12726.36	1.520D 06												
943.74	4.867D 03	1545.12	3.311D 07	3682.28	2.282D 07	3816.55	3.914D C7	14380.00	9.791D 05												
947.66	5.206D 03	1595.10	3.504D 07	3682.81	2.274D 07	3828.85	2.904D 07	15890.88	7.157D 05												
949.74	5.521D C3	1648.41	3.644D 07	3683.50	2.283D 07	3839.38	1.177D 07	19843.04	3.124D 05												
953.60	5.646D 03	1678.00	3.697D 07	3684.82	2.285D 07	3844.54	3.386D 07	26411.82	1.077D 05												
961.00	6.417D 03	1723.39	3.739D 07	3686.13	2.259D 07	3862.03	4.467D 07	32000.00	5.156D 04												
968.52	7.136D 03	1816.53	3.773D 07	3686.83	2.240D 07	3879.67	3.391D 07	34121.04	4.026D 04												
972.54	7.632D 03	1920.32	3.752D 07	3687.64	2.254D 07	3889.05	1.183D 07	39024.39	2.395D 04												
981.32	9.221D C3	1980.00	3.715D C7	3689.19	2.255D 07	3902.80	3.962D 07	45573.51	1.310D 04												
993.42	1.335D C4	1991.74	3.699D 07	3690.73	2.203D 07	3929.14	4.843D 07	50000.00	9.128D 03												
1016.12	1.690D C4	2014.39	3.680D 07	3691.55	2.164D 07	3935.84	4.037D 07	54724.75	6.413D 03												
1025.72	1.575D 04	2037.56	3.660D 07	3692.52	2.199D 07	3970.07	1.193D 07	66666.67	2.957D 03												
1037.82	2.561D 04	2050.00	3.649D 07	3694.35	2.216D 07	3992.20	4.504D 07	85275.25	1.122D 03												

TEFF = 10000.0 LOG(G) = 4.50 X = 1.00000 Y = 0.0											
I	TAJ	TE	PG	PE	RHO	KAPZ	D=(%)	C TE	XH2	XHE2	XHE3
1	1.000D-08	7.259D 03	8.113D-04	4.055D-04	6.777D-16	3.973D-01	-2.128D-01	-3.631D 02	9.993D-01	0.0	0.0
3	1.000D-07	7.270D 03	7.987D-03	3.979D-03	6.681D-15	3.958D-01	-2.128D-01	-3.618D C2	9.930D-01	0.0	0.0
5	1.000D-06	7.137D 03	8.185D-02	3.884D-02	7.305D-14	3.690D-01	-2.128D-01	3.323D C2	9.029D-01	0.0	0.0
7	1.000D-05	7.710D 03	8.010D-01	3.702D-01	6.772D-13	4.068D-01	-2.127D-01	4.433D 00	8.594D-01	0.0	0.0
9	1.000D-04	7.790D 03	7.003D C0	2.451D 00	7.684D-12	4.793D-01	-2.154D-01	-2.207D 00	5.384D-01	0.0	0.0
11	1.000D-03	7.712D 03	6.426D 01	1.002D 01	8.525D-11	5.152D-01	-4.323D-01	-1.316D 00	1.848D-01	0.0	0.0
13	1.359D-03	7.729D 03	8.564D 01	1.211D 01	1.153D-10	5.472D-01	-3.203D-01	-1.300D 00	1.647D-01	0.0	0.0
15	1.848D-03	7.760D 03	1.126D 02	1.476D 01	1.529D-10	5.977D-01	-2.577D-01	-1.316D 00	1.508D-01	0.0	0.0
17	2.512D-03	7.809D 03	1.456D 02	1.817D 01	1.979D-10	6.742D-01	-5.050D-01	-1.270D 00	1.426D-01	0.0	0.0
19	3.415D-03	7.876D 03	1.846D 02	2.261D 01	2.494D-10	7.849D-01	-5.582D-01	-1.091D 00	1.396D-01	0.0	0.0
21	4.642D-03	7.959D 03	2.294D 02	2.833D 01	3.063D-10	9.369D-01	-5.043D-01	-7.810D-01	1.409D-01	0.0	0.0
23	6.310D-03	8.052D 03	2.803D C2	3.549D 01	3.685D-10	1.133D 00	-4.369D-01	-4.081D-01	1.450D-01	0.0	0.0
25	8.577D-03	8.149D 03	3.373D C2	4.411D 01	4.361D-10	1.371D 00	-4.356D-01	-4.901D-02	1.505D-01	0.0	0.0
27	1.166D-02	8.247D 03	4.016D 02	5.448D 01	5.102D-10	1.656D 00	-3.403D-01	2.864D-01	1.569D-01	0.0	0.0
29	1.585D-02	8.347D 03	4.743D 02	6.691D 01	5.915D-10	1.998D 00	-6.494D-02	6.125D-01	1.643D-01	0.0	0.0
31	2.154D-02	8.454D 03	5.553D C2	8.208D 01	6.785D-10	2.422D 00	-1.086D-01	6.077D-01	1.735D-01	0.0	0.0
33	2.929D-02	8.570D 03	6.458D C2	1.010D 02	7.706D-10	2.963D 00	6.448D-02	6.111D-01	1.853D-01	0.0	0.0
35	3.981D-02	8.704D 03	7.456D C2	1.252D 02	8.640D-10	3.693D 00	-1.526D-01	6.856D-01	2.019D-01	0.0	0.0
37	5.412D-02	8.850D 03	8.535D 02	1.555D 02	9.560D-10	4.644D 00	4.548D-02	3.805D-01	2.226D-01	0.0	0.0
39	7.356D-02	9.014D 03	9.695D 02	1.938D 02	1.043D-09	5.915D 00	5.056D-01	4.279D-01	2.498D-01	0.0	0.0
41	1.000D-01	9.187D 03	1.093D C3	2.401D 02	1.126D-09	7.523D 00	1.126D 00	-1.067D-01	2.814D-01	0.0	0.0
43	1.259D-01	9.334D 03	1.191D C3	2.831D 02	1.179D-09	9.103D 00	1.112D 00	-7.175D-01	3.119D-01	0.0	0.0
45	1.595D-01	9.498D 03	1.292D C3	3.343D 02	1.222D-09	1.108D 01	7.980D-01	-1.371D 00	3.491D-01	0.0	0.0
47	1.995D-01	9.689D 03	1.395D C3	3.967C 02	1.249D-09	1.366D 01	4.275D-01	-2.080D 00	3.974D-01	0.0	0.0
49	2.512D-01	9.909D 03	1.509D C3	4.711D 02	1.259D-09	1.688D 01	-7.046D-02	-2.234D 00	4.576D-01	0.0	0.0
51	3.162D-01	1.016D 04	1.607D 03	5.563D 02	1.254D-09	2.070D 01	-3.438D-01	-1.423D 00	5.294D-01	0.0	0.0
53	3.981D-01	1.043D 04	1.718D 03	6.488D 02	1.242D-09	2.477D 01	-3.071D-01	-5.254D-01	6.068D-01	0.0	0.0
55	5.012D-01	1.072D 04	1.836D 03	7.453D C2	1.233D-09	2.870D 01	5.868D-02	-2.849D-01	6.833D-01	0.0	0.0
57	6.310D-01	1.101D 04	1.967D 03	8.432D 02	1.237C-09	3.208D 01	3.549D-01	-1.469D-02	7.506D-01	0.0	0.0
59	7.943D-01	1.133D 04	2.115D 03	9.480C 02	1.249D-09	3.494D 01	1.011D-01	-6.049D-01	8.120D-01	0.0	0.0
61	1.000D 00	1.168D 04	2.296D 03	1.061D 03	1.276D-09	3.711D 01	3.859D-02	-1.033D 00	8.629D-01	0.0	0.0
63	1.259D 00	1.204D 04	2.499D 03	1.185D 03	1.323D-09	3.872D 01	-2.138D-02	-1.302D 00	9.014D-01	0.0	0.0
65	1.585D 00	1.241D 04	2.754D 03	1.326D 03	1.395D-09	4.008D 01	-2.928D-01	-6.545D-01	9.283D-01	0.0	0.0
67	1.995D 00	1.279D 04	3.064D 03	1.491D 03	1.491D-09	4.125D 01	-4.126D-01	8.226D-01	9.471D-01	0.0	0.0
69	2.512D 00	1.320D 04	3.445D 03	1.688D 03	1.614D-09	4.248D 01	-1.395D-01	1.714D 00	9.600D-01	0.0	0.0
71	3.162D 00	1.362D 04	3.911D 03	1.925D 03	1.767D-09	4.397D 01	4.934D-01	7.748D-01	9.695D-01	0.0	0.0
73	3.981D 00	1.405D 04	4.476D 03	2.211D 03	1.953D-09	4.576C 01	2.739D-01	-8.771D-01	9.765D-01	0.0	0.0
75	5.012D 00	1.452D 04	5.160D 03	2.556D 03	2.173D-09	4.772D 01	-2.983D-02	-1.668D 00	9.820D-01	0.0	0.0
77	6.310D 00	1.500D 04	5.984D 03	2.971D 03	2.434D-09	5.003D 01	-2.097D-01	-1.185D 00	9.860D-01	0.0	0.0
79	7.943D 00	1.550D 04	6.972D 03	3.467D 03	2.742D-09	5.273D 01	-9.734D-01	1.953D 00	9.890D-01	0.0	0.0
81	1.000D 01	1.602D 04	8.151D 03	4.058D 03	3.098D-09	5.568D 01	-2.004D-01	3.614D 00	9.914D-01	0.0	0.0
83	1.259D 01	1.656D 04	9.557D 03	4.762D 03	3.510D-09	5.895C 01	8.023D-02	3.205D 00	9.932D-01	0.0	0.0
85	1.585D 01	1.708D 04	1.122D 04	5.594D 03	3.994D-09	6.295D 01	4.465D-01	1.997D 00	9.940D-01	0.0	0.0
87	1.995D 01	1.762D 04	1.318D 04	6.573D 03	4.548D-09	6.725D 01	-8.512D-03	8.159D-01	9.943D-01	0.0	0.0
89	2.512D 01	1.823D 04	1.551D 04	7.733D 03	5.168D-09	7.134D 01	-1.912D-01	7.011D-01	9.948D-01	0.0	0.0
91	3.162D 01	1.890D 04	1.826D 04	9.110D 03	5.872D-09	7.551D 01	-2.270D-01	1.617D 00	9.952D-01	0.0	0.0
93	3.981D 01	1.961D 04	2.155D 04	1.075D 04	6.673D-09	7.979D 01	-2.888D-01	1.624D 00	9.957D-01	0.0	0.0
95	5.012D 01	2.036D 04	2.546D 04	1.270D 04	7.593D-09	8.450C 01	2.121D-01	1.715D 00	9.961D-01	0.0	0.0
97	6.310D 01	2.112D 04	3.009D 04	1.502D 04	8.552D-09	8.984D 01	9.907D-01	9.675D-01	9.965D-01	0.0	0.0
99	7.943D 01	2.190D 04	3.558D 04	1.776D 04	9.863D-09	9.575C 01	3.946D-01	1.523D 00	9.969D-01	0.0	0.0





$$T_{\text{eff}} = 12\,000^{\circ}\text{K}$$

TEFF = 12000.0 LOG(G) = 2.50

X = 0.01640 Y = 0.98360

I	TAJ	TE	PG	PE	RHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	8.8060 03	3.2610-05	1.5270-05	9.0390-17	9.1820-02	-1.4790-01	4.3370 01	1.0000 00	8.7260-01	1.6750-17
3	1.0000-07	8.2850 03	9.7760-04	1.1440-04	4.8150-15	1.3820-02	-1.4790-01	-9.8780 00	1.0000 00	7.4700-02	1.0910-21
5	1.0000-06	8.2330 03	3.8220-02	2.3470-02	2.0130-13	6.8280-03	-1.4800-01	-3.3330 02	9.9880-01	3.1130-03	1.3540-24
7	1.0000-05	8.0470 03	4.6890-01	2.7510-02	2.5350-12	6.5760-03	-1.4790-01	3.7480 02	9.9540-01	1.1260-04	6.6630-28
9	1.0000-04	8.7130 03	4.6420 00	2.7180-01	2.3180-11	7.0200-03	-1.4770-01	1.1430 01	9.9160-01	2.0910-04	6.1640-26
11	1.0000-03	9.0310 03	3.8020 01	2.1730 00	1.8340-10	9.9280-03	-1.4660-01	-4.9030 00	9.6840-01	9.0760-05	4.7080-26
13	1.3590-03	9.0300 03	4.8930 01	2.7740 00	2.3620-10	1.0830-02	-1.4310-01	-5.6680 00	9.5990-01	7.0790-05	2.8500-26
15	1.8480-03	9.0300 03	6.2480 01	3.5060 00	3.0180-10	1.1910-02	-1.3340-01	-5.6730 00	9.4990-01	5.5940-05	1.7770-26
17	2.5120-03	9.0340 03	7.9170 01	4.3910 00	3.8250-10	1.3180-02	-1.4790-02	-4.9650 00	9.3860-01	4.5340-05	1.8780-26
19	3.4150-03	9.0460 03	9.9570 01	5.4570 00	4.8030-10	1.4670-02	-9.2710-02	-4.7240 00	9.2670-01	3.8200-05	8.1840-27
21	4.6420-03	9.0700 03	1.2450 02	6.7410 00	5.9970-10	1.6380-02	-1.1530-01	-4.3020 00	9.1540-01	3.3920-05	7.7630-27
23	6.3100-03	9.1120 03	1.5470 02	8.2960 00	7.4230-10	1.8360-02	-1.3140-01	-3.6800 00	9.0600-01	3.2210-05	8.3400-27
25	8.5770-03	9.1750 03	1.9110 02	1.0190 01	9.1140-10	2.0650-02	-1.5100-01	-2.8770 00	9.0000-01	3.3070-05	1.1410-26
27	1.1660-02	9.2610 03	2.3520 02	1.2510 01	1.1110-09	2.3310-02	-1.5180-01	-1.9240 00	8.9790-01	3.6740-05	1.9940-26
29	1.5350-02	9.3660 03	2.8810 02	1.5350 01	1.3460-09	2.6370-02	-1.7730-01	-9.3230-01	8.9930-01	4.3600-05	4.2820-26
31	2.1540-02	9.4880 03	3.5160 02	1.9810 01	1.6210-09	2.9870-02	-1.6690-01	-5.9100-02	9.0330-01	5.4290-05	1.0660-25
33	2.9290-02	9.6220 03	4.2760 02	2.3020 01	1.9430-09	3.3860-02	-3.1220-02	-5.5630-01	9.0890-01	6.9940-05	2.9460-25
35	3.9810-02	9.7710 03	5.1880 02	2.8140 01	2.3210-09	3.8390-02	-2.4970-02	-8.5530-01	9.1590-01	9.3410-05	9.0910-25
37	5.4120-02	9.9390 03	6.2810 02	3.4380 01	2.7600-09	4.3450-02	-1.4560-01	9.2540-01	9.2430-01	1.3070-04	3.2360-24
39	7.3560-02	1.0130 04	7.5940 02	4.2020 02	3.2720-09	4.9050-02	-3.4590-03	9.0750-01	9.3390-01	1.9290-04	1.3620-23
41	1.0000-01	1.0350 04	9.1760 02	5.1360 01	3.8680-09	5.5170-02	4.3150-01	7.0610-01	9.4380-01	3.0040-04	6.7680-23
43	1.2590-01	1.0530 04	1.0580 03	5.9770 01	4.3780-09	6.0110-02	7.3680-01	4.0870-01	9.5150-01	4.3690-04	2.5710-22
45	1.5850-01	1.0730 04	1.2190 03	6.9630 01	4.9500-09	6.5420-02	7.5220-01	-1.9910-03	9.5890-01	6.5110-04	1.0530-21
47	1.9950-01	1.0950 04	1.4060 03	8.1260 01	5.5920-09	7.1160-02	6.5880-01	-6.1660-01	9.6570-01	1.0000-03	4.7540-21
49	2.5120-01	1.1200 04	1.6230 03	9.5150 01	6.3060-09	7.7490-02	3.3480-01	-8.4490-01	9.7210-01	1.5940-03	2.4100-20
51	3.1620-01	1.1470 04	1.8730 03	1.1200 02	7.0920-09	8.4800-02	1.7520-01	-7.3800-01	9.7790-01	2.6580-03	1.4130-19
53	3.9810-01	1.1770 04	2.1580 03	1.3290 02	7.9920-09	9.4080-02	4.3540-03	-5.7450-01	9.8250-01	4.4790-03	8.6360-19
55	5.0120-01	1.2100 04	2.4780 03	1.5970 02	8.8540-09	1.0700-01	1.4180-01	9.9200-02	9.8530-01	7.6780-03	5.6470-18
57	6.3100-01	1.2450 04	2.8250 03	1.9490 02	9.7640-09	1.2630-01	1.1640-01	2.9600-02	9.8920-01	1.3040-02	3.6600-17
59	7.9430-01	1.2830 04	3.1850 03	2.4310 02	1.0600-08	1.5720-01	2.3580-01	-5.3870-01	9.9100-01	2.2040-02	2.4080-16
61	1.0000 00	1.3240 04	3.5370 03	3.1040 02	1.1260-08	2.0820-01	-4.5110-02	-8.4640-01	9.9210-01	3.6430-02	1.5300-15
63	1.2590 00	1.3690 04	3.8580 03	4.0540 02	1.1670-08	2.9410-01	-3.5420-01	-1.6430-01	9.9310-01	5.9010-02	9.5080-15
65	1.5850 00	1.4120 04	4.1360 03	5.3190 02	1.1790-08	4.3030-01	-4.3080-02	1.1340 00	9.9400-01	9.1130-02	5.2300-14
67	1.9950 00	1.4600 04	4.3670 03	7.0040 02	1.1610-08	6.4960-01	2.4000-01	8.8670-01	9.9480-01	1.3740-01	2.7780-13
69	2.5120 00	1.5110 04	4.5300 03	9.1570 02	1.1060-08	9.9300-01	2.7000-01	-7.3970-01	9.9560-01	2.0380-01	1.4680-12
71	3.1620 00	1.5670 04	4.7000 03	1.1950 03	1.0340-08	1.5270 00	-3.4790-01	-2.2210 00	9.9530-01	2.9710-01	8.0260-12
73	3.9810 00	1.6260 04	4.8160 03	1.5010 03	9.4220-09	2.2350 00	-8.2470-01	-1.0950 00	9.9700-01	4.1670-01	4.2440-11
75	5.0120 00	1.6840 04	4.9140 03	1.7920 03	8.5670-09	2.9840 00	-1.3080-01	1.1980 00	9.9760-01	5.4570-01	1.9600-10
77	6.3100 00	1.7430 04	5.0070 03	2.0380 03	7.8710-09	3.6080 00	3.8040-01	1.0160 00	9.9780-01	6.6590-01	8.1510-10
79	7.9430 00	1.8060 04	5.1050 03	2.2500 03	7.3060-09	4.0470 00	1.3830-01	-5.4970-01	9.9800-01	7.7380-01	3.3270-09
81	1.0000 01	1.8750 04	5.2200 03	2.4240 03	6.8910-09	4.2410 00	-1.3340-01	-1.3970 00	9.9930-01	8.5860-01	1.3460-08
83	1.2590 01	1.9480 04	5.3640 03	2.5730 03	6.6200-09	4.2080 00	-6.3750-01	-1.9460-01	9.9950-01	9.1660-01	5.3390-08
85	1.5850 01	2.0230 04	5.5560 03	2.7120 03	6.4950-09	4.0580 00	-3.6660-01	2.7850 00	9.9870-01	9.5080-01	1.9150-07
87	1.9950 01	2.0990 04	5.8160 03	2.8670 03	6.4940-09	3.8810 00	9.4890-01	1.0670 00	9.9950-01	9.7040-01	6.2190-07
89	2.5120 01	2.1750 04	6.1680 03	3.0570 03	6.6090-09	3.7280 00	-2.5790-01	-2.0870 00	9.9900-01	9.8160-01	1.8560-06
91	3.1620 01	2.2630 04	6.6370 03	3.3010 03	6.8140-09	3.5740 00	-2.3890-02	-2.4080 00	9.9920-01	9.8890-01	5.8710-06
93	3.9810 01	2.3580 04	7.2620 03	3.6200 03	7.1380-09	3.4490 00	-5.3190-01	-5.3580-01	9.9930-01	9.9330-01	1.8490-05
95	5.0120 01	2.4590 04	8.0830 03	4.0340 03	7.6110-09	3.3760 00	-1.6390-02	-7.6220-01	9.9940-01	9.9580-01	5.5040-05
97	6.3100 01	2.5600 04	9.1410 03	4.5650 04	8.2630-09	3.3690 00	7.1320-02	-6.8220-01	9.9940-01	9.9700-01	1.4820-04
99	7.9430 01	2.6640 04	1.0480 04	5.2340 03	9.0970-09	3.4120 00	2.8900-01	-8.9080-01	9.9940-01	9.9730-01	3.7500-04



TEFF = 12000.0 LOG(G) = 2.50 X = 0.01640 Y = 0.98360									
_AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.4660-01	1061.56	4.509D 07	2050.00	1.001D 08	3696.18	3.830D 07	4034.83	7.376D 07
546.43	1.074D 00	1085.41	6.861D 07	2127.72	9.530D 07	3697.15	3.844D 07	4078.38	6.972D 07
649.38	4.687D 01	1100.00	7.870D 07	2282.47	8.579D 07	3698.31	3.870D 07	4101.73	2.738D 07
800.11	1.741D 03	1112.26	8.648D 07	2484.88	7.592D 07	3700.50	4.078D 07	4141.06	6.821D 07
911.76	1.091D 04	1136.26	9.869D 07	2600.00	7.069D 07	3702.69	3.731D 07	4217.72	6.512D 07
911.76	1.095D 04	1161.33	1.068D 08	2600.00	7.069D 07	3703.85	3.700D 07	4297.27	6.112D 07
913.07	3.127D 04	1175.00	1.079D 08	2677.27	6.790D 07	3705.25	3.826D 07	4340.46	2.521D 07
915.54	3.836D 04	1181.83	1.063D 08	2837.09	6.154D 07	3707.91	4.210D 07	4422.28	5.629D 07
918.03	4.517D 04	1194.99	9.151D 07	3017.20	5.539D 07	3710.56	3.708D 07	4586.15	5.034D 07
919.35	4.898D 04	1208.45	1.309D 07	3121.75	5.216D 07	3711.97	3.557D 07	4762.63	4.466D 07
919.35	4.898D 04	1215.47	9.583D 05	3121.76	5.222D 07	3713.69	3.865D 07	4861.32	1.975D 07
920.16	4.907D 04	1215.42	9.633D 05	3169.76	5.082D 07	3716.95	4.451D 07	4892.89	4.041D 07
920.68	5.023D 04	1217.93	1.287D 06	3284.93	4.822D 07	3720.21	3.696D 07	4953.86	3.946D 07
920.96	5.081D 04	1219.25	2.048D 06	3365.99	4.565D 07	3721.94	3.328D 07	5016.38	3.797D 07
921.34	5.142D 04	1220.00	2.717D 06	3421.87	4.430D 07	3724.08	3.912D 07	5050.00	3.718D 07
922.06	5.201D 04	1223.41	1.777D 07	3421.87	4.456D 07	3728.14	4.842D 07	5123.58	3.552D 07
922.77	5.308D 04	1229.92	7.063D 07	3458.74	4.367D 07	3732.22	3.864D 07	5269.12	3.250D 07
923.15	5.359D 04	1236.50	9.867D 07	3530.87	4.201D 07	3734.37	3.195D 07	5423.16	2.965D 07
923.68	5.421D 04	1240.00	1.069D 08	3666.08	4.037D 07	3737.09	4.164D 07	5508.11	2.821D 07
924.69	5.532D 04	1249.96	1.197D 08	3647.05	3.951D 07	3742.24	5.391D 07	5665.32	2.577D 07
925.69	5.658D 04	1269.29	1.291D 08	3647.05	3.783D 07	3747.42	4.096D 07	5989.38	2.154D 07
927.00	5.795D 04	1300.00	1.346D 08	3647.05	3.830D 07	3753.67	4.504D 07	6562.80	9.941D 06
928.43	6.089D 04	1316.23	1.332D 08	3649.67	3.777D 07	3750.15	3.056D 07	6352.76	1.778D 07
929.96	6.092D 04	1348.15	1.378D 08	3662.26	4.066D 07	3760.36	6.086D 07	6797.77	1.425D 07
931.98	6.354D 04	1400.00	1.383D 08	3665.27	4.187D 07	3770.63	3.032D 07	7865.45	8.785D 06
934.26	6.993D 04	1419.35	1.381D 08	3676.71	4.374D 07	3775.31	5.152D 07	8205.87	7.645D 06
936.59	6.916D 04	1457.53	1.371D 08	3679.74	4.312D 07	3793.16	5.175D 07	8862.47	6.795D 06
937.80	6.924D 04	1497.83	1.356D 08	3680.27	4.299D 07	3797.90	2.966D 07	10448.64	3.775D 06
939.84	7.638D 04	1520.00	1.348D 08	3681.28	4.269D 07	3804.32	5.868D 07	12726.36	1.848D 06
943.74	9.188D 04	1545.12	1.334D 08	3682.28	4.240D 07	3816.55	7.502D 07	14380.00	1.182D 06
947.66	8.861D 04	1595.10	1.305D 08	3682.81	4.232D 07	3828.85	6.037D 07	15890.88	8.494D 05
949.74	8.132D 04	1648.41	1.272D 08	3683.50	4.209D 07	3835.38	2.974D 07	19843.04	3.681D 05
953.60	1.144D 05	1678.00	1.252D 08	3684.82	4.180D 07	3844.54	6.783D 07	26411.82	1.255D 05
961.00	2.031D 05	1723.39	1.221D 08	3686.13	4.115D 07	3862.03	7.855D 07	32000.00	5.992D 04
968.52	1.912D 05	1816.53	1.156D 08	3686.83	4.111D 07	3879.67	6.721D 07	34121.04	4.675D 04
972.54	1.109D 05	1920.32	1.086D 08	3687.64	4.088D 07	3889.05	2.923D 07	39024.39	2.778D 04
981.32	4.498D 05	1980.00	1.046D 08	3689.19	4.091D 07	3902.80	7.309D 07	45573.51	1.518D 04
998.42	3.816D 06	1991.74	1.039D 08	3690.73	3.967D 07	3929.14	7.819D 07	50000.00	1.058D 04
1016.12	2.362D 06	2014.39	1.024D 08	3691.55	3.973D 07	3955.94	7.209D 07	54724.75	7.429D 03
1025.72	1.940D 05	2037.56	1.009D 08	3692.52	3.955D 07	3970.07	2.903D 07	66666.67	3.427D 03
1037.82	8.520D 06	2050.00	1.001D 08	3694.35	4.051D 07	3992.20	7.388D 07	85275.25	1.302D 03

TEFF = 12000.0 LOG(G) = 3.00 X = 0.01640 Y = 0.98360

I	TAJ	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	8.8970 03	1.1550-04	4.8580-05	3.4750-16	7.5730-02	-2.0130-01	3.0470 01	1.0000 00	7.0800-01	5.4920-18
3	1.0000-07	8.0490 03	7.3020-03	4.6950-04	3.9230-14	7.1670-03	-2.0130-01	1.8980 02	9.9990-01	6.6170-03	2.3410-24
5	1.0000-06	8.3290 03	1.4020-01	8.4010-03	7.3130-13	6.6660-03	-2.0140-01	-4.5230 02	9.9930-01	1.3370-03	4.0500-25
7	1.0000-05	8.2550 03	1.4970 00	8.7510-02	7.8910-12	6.6900-03	-2.0130-01	7.8780 01	9.9160-01	9.2380-05	1.3290-27
9	1.0000-04	8.7580 03	1.3800 01	7.9640-01	6.8620-11	7.8980-03	-2.0170-01	6.0980 00	9.7820-01	8.5620-05	1.2680-26
11	1.0000-03	8.9560 03	9.3980 01	5.1000 00	4.5860-10	1.4290-02	-1.7200-01	1.3390 00	9.1730-01	2.9090-05	3.5110-27
13	1.3550-03	8.9540 03	1.1770 02	6.2700 00	5.7510-10	1.5910-02	-7.3420-02	5.3250-01	8.9970-01	2.3410-05	2.2470-27
15	1.8480-03	8.9560 03	1.4670 02	7.6570 00	7.1720-10	1.7740-02	5.1670-03	7.2590-01	8.8080-01	1.9320-05	1.5440-27
17	2.5120-03	8.9700 03	1.8190 02	9.3130 00	8.8940-10	1.9840-02	-2.9530-02	8.8910-02	8.6280-01	1.6780-05	1.2390-27
19	3.4150-03	9.0010 03	2.2470 02	1.1300 01	1.0950-09	2.2260-02	-2.9560-02	1.0700 00	8.4720-01	1.5680-05	1.2210-27
21	4.6420-03	9.0530 03	2.7630 02	1.3740 01	1.3400-09	2.5090-02	-9.6050-02	1.2150 00	8.3660-01	1.5600-05	1.5260-27
23	6.3100-03	9.1280 03	3.3850 02	1.5740 01	1.6230-09	2.8440-02	-1.1540-01	1.3580 00	8.3190-01	1.6930-05	2.4640-27
25	8.5770-03	9.2240 03	4.1270 02	2.0430 01	1.9650-09	3.2400-02	-1.4720-01	1.4470 00	8.3280-01	1.9700-05	4.9430-27
27	1.1660-02	9.3310 03	5.0120 02	2.4920 01	2.3590-09	3.7000-02	-1.9840-01	1.1870 00	8.3540-01	2.3690-05	1.0990-26
29	1.5850-02	9.4480 03	6.0640 02	3.0360 01	2.8180-09	4.2320-02	-1.7850-01	7.2960-01	8.4240-01	2.9340-05	2.6700-26
31	2.1540-02	9.5750 03	7.3120 02	3.6920 01	3.3510-09	4.8420-02	-4.5790-02	4.1080-01	8.5000-01	3.7180-05	0.9630-26
33	2.9290-02	9.7130 03	8.7950 02	4.4870 01	3.9710-09	5.5400-02	-2.0270-02	3.7880-01	8.5920-01	4.8350-05	1.9640-25
35	3.9810-02	9.8630 03	1.0560 03	5.4520 01	4.6910-09	6.3370-02	-1.4210-01	3.9300-01	8.6990-01	6.4790-05	0.9830-25
37	5.4120-02	1.0030 04	1.2650 03	6.6250 01	5.5230-09	7.2370-02	-1.1830-01	4.4660-01	8.8250-01	9.0380-05	2.1330-24
39	7.3560-02	1.0210 04	1.5150 03	8.0450 01	6.4880-09	8.2430-02	2.7090-01	8.3950-01	8.9530-01	1.2940-04	8.1030-24
41	1.0000-01	1.0420 04	1.8120 03	9.7840 01	7.6010-09	9.3600-02	7.0230-01	9.5220-01	9.0970-01	1.9640-04	3.6890-23
43	1.2590-01	1.0660 04	2.0740 03	1.1340 02	8.5490-09	1.0270-01	7.0300-01	7.4540-01	9.2060-01	2.7670-04	1.2630-22
45	1.5850-01	1.0790 04	2.3740 03	1.3150 02	9.0970-09	1.1240-01	5.9800-01	1.2830-01	9.3150-01	4.0220-04	4.7650-22
47	1.9950-01	1.1010 04	2.7210 03	1.5280 02	1.0780-08	1.2260-01	3.2570-01	7.7980-02	9.4260-01	6.1400-04	2.0960-21
49	2.5120-01	1.1250 04	3.1210 03	1.7800 02	1.2090-08	1.3350-01	-4.4830-02	-2.1260-01	9.5280-01	9.6910-04	1.0250-20
51	3.1620-01	1.1520 04	3.5830 03	2.0820 02	1.3540-08	1.4540-01	1.6280-01	1.1720 00	9.6240-01	1.6110-03	5.9010-20
53	3.9910-01	1.1820 04	4.1170 03	2.4480 02	1.5140-08	1.5940-01	1.9850-01	1.4490 00	9.7040-01	2.7250-03	3.6100-19
55	5.0120-01	1.2140 04	4.7240 03	2.9060 02	1.6880-08	1.7720-01	3.3440-01	1.1480 00	9.7670-01	4.6140-03	2.2310-18
57	6.3100-01	1.2480 04	5.4050 03	3.4760 02	1.8720-08	2.0190-01	2.2160-01	3.8030-01	9.8170-01	7.8430-03	1.4150-17
61	1.0000 00	1.3250 04	6.9080 03	5.2670 02	2.0260-08	2.3860-01	-1.5190-01	-2.8430-01	9.8490-01	1.3290-02	9.0640-17
63	1.2590 00	1.3660 04	7.6610 03	6.6670 02	2.3660-08	2.9690-01	-4.9390-01	6.5290-02	9.8720-01	2.2210-02	5.7230-16
65	1.5850 00	1.4060 04	8.3710 03	8.4620 02	2.4730-08	3.8900-01	2.1900-02	9.4490-01	9.8900-01	3.5720-02	3.2980-15
67	1.9950 00	1.4550 04	9.0940 03	1.1170 03	2.5050-08	5.2450-01	8.1960-01	2.7260 00	9.9040-01	5.3910-02	1.5770-14
69	2.5120 00	1.5080 04	9.5280 03	1.4920 03	2.4630-08	7.7100-01	6.0330-01	-1.0450 00	9.9180-01	8.4940-02	9.2430-14
71	3.1620 00	1.5640 04	9.9480 03	1.9770 03	2.3550-08	1.8390 00	-9.0260-01	-2.0160 00	9.9410-01	1.9820-01	3.0230-12
73	3.9910 00	1.6190 04	1.0290 04	2.5320 03	2.2130-08	2.7410 00	-8.0240-01	3.1080 00	9.9500-01	2.8180-01	1.4530-11
75	5.0120 00	1.6760 04	1.0580 04	3.1450 03	2.0490-08	3.9070 00	1.9920-01	5.4820 00	9.9590-01	3.8500-01	6.3400-11
77	6.3100 00	1.7390 04	1.0830 04	3.7870 03	1.8720-08	5.2620 00	7.9980-01	1.2950-01	9.9620-01	5.0710-02	3.0220-10
79	7.9430 00	1.8030 04	1.1070 04	4.3820 03	1.7140-08	6.5510 00	9.0170-02	-2.4490 00	9.9650-01	6.3260-01	1.3040-09
81	1.0000 01	1.8720 04	1.1320 04	4.9060 03	1.5820-08	7.5300 00	-5.3430-01	-1.8660 00	9.9690-01	7.4990-01	5.5640-09
83	1.2590 01	1.9470 04	1.1600 04	5.3370 03	1.4870-08	8.0130 00	-9.2420-01	1.3170 00	9.9740-01	8.4260-01	2.2850-08
85	1.5850 01	2.0180 04	1.1950 04	5.6840 03	1.4350-08	8.0650 00	-4.1310-01	7.0860 00	9.9780-01	9.0130-01	7.9100-08
87	1.9950 01	2.0950 04	1.2400 04	6.0190 03	1.4070-08	7.8630 00	1.5030 00	1.2690 00	9.9810-01	9.4020-01	2.6870-07
89	2.5120 01	2.1700 04	1.2990 04	6.3790 03	1.4080-08	7.5900 00	-3.7060-02	-2.3020 00	9.9840-01	9.6280-01	8.1100-07
91	3.1620 01	2.2560 04	1.3770 04	6.8130 03	1.4260-08	7.2580 00	-4.5390-01	1.2190 00	9.9860-01	9.7760-01	2.5740-06
93	3.9910 01	2.3500 04	1.4820 04	7.3620 03	1.4660-08	6.9430 00	-8.0240-01	6.0420-01	9.9890-01	9.8660-01	8.1490-06
95	5.0120 01	2.4480 04	1.6200 04	8.0680 03	1.5350-08	6.7150 00	-1.5390-01	1.6600 00	9.9900-01	9.9180-01	2.4300-05
97	6.3100 01	2.5480 04	1.8000 04	8.9750 03	1.6360-08	6.6040 00	1.5370-01	-1.0350 00	9.9940-01	9.9440-01	6.6270-05
99	7.9430 01	2.6490 04	2.0290 04	1.0130 04	1.7730-08	6.6000 00	1.2240 00	1.2110 00	9.9920-01	9.9550-01	1.6740-04

TEFF = 12000.0      LOG(G) = 3.00      X = 0.01040      Y = 0.98360									
-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.1180-01	1061.56	2.8560 07	2050.00	1.0200 04	3696.18	3.9900 07	4034.83	7.3900 07
546.43	8.7540-01	1085.41	5.1860 07	2127.72	9.6930 07	3697.15	3.9910 07	4078.38	6.8510 07
649.38	3.9880 01	1100.00	6.3030 07	2292.47	8.7140 07	3698.31	3.9900 07	4101.73	2.6080 07
800.11	1.6200 03	1112.26	7.2010 07	2484.88	7.6890 07	3700.50	4.0660 07	4141.06	6.8240 07
911.76	1.0720 04	1136.26	8.5940 07	2600.00	7.1490 07	3702.69	3.8430 07	4217.72	6.5670 07
911.76	1.0720 04	1161.33	9.5030 07	2600.00	7.1490 07	3703.85	3.8280 07	4297.27	6.1350 07
913.07	2.7470 04	1175.00	9.5130 07	2677.27	6.8500 07	3705.25	3.8920 07	4340.46	2.4100 07
915.54	3.5680 04	1181.83	9.2060 07	2837.09	6.2110 07	3707.91	4.0990 07	4422.28	5.6770 07
918.03	4.2000 04	1194.99	6.9840 07	3017.20	5.5920 07	3710.56	3.7780 07	4586.15	5.0830 07
919.35	4.3980 04	1208.45	4.8770 06	3121.75	5.2650 07	3711.97	3.6920 07	4762.63	4.5040 07
919.63	4.4420 04	1215.67	8.3900 05	3121.76	5.2680 07	3713.59	3.8810 07	4861.32	1.9030 07
920.16	4.4880 04	1216.42	8.4330 05	3169.76	5.1280 07	3716.95	4.2210 07	4892.89	4.0250 07
920.68	4.5530 04	1217.83	1.0750 06	3264.93	4.8860 07	3720.21	3.6910 07	4953.86	3.9770 07
920.96	4.5880 04	1219.25	1.5950 06	3365.99	4.6080 07	3721.94	3.4410 07	5016.38	3.8300 07
921.34	4.6280 04	1220.00	1.9710 06	3421.87	4.4720 07	3724.08	3.8550 07	5050.00	3.7510 07
922.06	4.6820 04	1223.41	6.5880 06	3421.87	4.4870 07	3728.14	4.4790 07	5123.58	3.5830 07
922.77	4.7580 04	1229.92	4.3610 07	3458.74	4.3980 07	3732.22	3.7470 07	5269.12	3.2780 07
923.15	4.7910 04	1236.50	7.7480 07	3530.87	4.2310 07	3734.37	3.2430 07	5423.16	2.9890 07
923.68	4.8330 04	1240.00	8.9410 07	3606.08	4.0670 07	3737.09	3.9840 07	5503.11	2.8440 07
924.69	4.9400 04	1249.96	1.0960 08	3647.05	3.9810 07	3742.24	4.8910 07	5665.32	2.5990 07
925.69	5.0070 04	1259.29	1.2500 08	3647.05	3.8160 07	3747.42	3.8580 07	5989.38	2.1710 07
926.22	5.0460 04	1289.23	1.3170 08	3649.67	3.8080 07	3750.15	3.0220 07	6352.76	1.7920 07
927.00	5.1040 04	1300.00	1.3400 08	3654.64	3.8380 07	3753.57	4.1920 07	6562.80	9.6710 06
928.48	5.2740 04	1315.23	1.3640 08	3659.62	3.9250 07	3760.36	5.4800 07	6797.77	1.4350 07
929.96	5.3290 04	1343.15	1.3940 08	3662.26	3.9930 07	3767.08	4.2080 07	7292.74	1.1380 07
930.75	5.3900 04	1381.65	1.4090 08	3665.27	4.0810 07	3770.63	2.9320 07	7865.45	8.8470 06
931.96	5.5110 04	1400.00	1.4110 08	3670.98	4.2460 07	3775.31	4.6630 07	8205.87	7.6890 06
934.26	5.9290 04	1419.35	1.4140 08	3676.71	4.3480 07	3784.22	6.2060 07	8205.87	8.1050 06
936.58	5.9330 04	1457.53	1.4080 08	3679.74	4.3570 07	3793.16	4.6560 07	8862.47	6.8450 06
937.80	5.9740 04	1497.83	1.3930 08	3680.27	4.3560 07	3797.90	2.8380 07	10448.64	3.8010 06
939.84	6.4820 04	1520.00	1.3850 08	3681.28	4.3490 07	3804.32	5.2680 07	12726.36	1.8600 06
943.74	7.6370 04	1545.12	1.3740 08	3682.28	4.3410 07	3816.55	6.9660 07	14380.00	1.1890 06
947.66	7.3910 04	1595.10	1.3430 08	3682.81	4.3380 07	3828.85	5.4250 07	15890.88	8.5460 05
949.74	6.9980 04	1648.41	1.3070 08	3683.50	4.3260 07	3935.38	2.8240 07	19843.04	3.7010 05
953.60	9.3940 04	1678.00	1.2870 08	3684.82	4.3090 07	3844.54	6.1720 07	26411.82	1.2610 05
961.00	2.1980 05	1723.39	1.2540 08	3686.13	4.2750 07	3862.03	7.5410 07	32000.00	6.0160 04
968.52	1.4120 05	1816.53	1.1860 08	3686.83	4.2680 07	3879.67	6.1330 07	34121.04	4.6920 04
972.54	9.4220 04	1920.32	1.1110 08	3687.64	4.2460 07	3889.05	2.7660 07	39024.39	2.7850 04
981.32	2.1940 05	1980.00	1.0690 08	3689.19	4.2250 07	3902.40	6.8690 07	45573.51	1.5210 04
998.42	1.2390 06	1991.74	1.0610 08	3690.73	4.1470 07	3929.14	7.7120 07	50000.00	1.0590 04
1016.12	7.2460 05	2014.39	1.0450 08	3691.55	4.1410 07	3955.84	6.8540 07	54724.75	7.4310 03
1025.72	1.6760 05	2037.56	1.0290 08	3692.52	4.1150 07	3970.07	2.7470 07	66666.67	3.4220 03
1037.82	2.5010 06	2050.00	1.0200 08	3694.35	4.1310 07	3992.20	7.2360 07	85275.25	1.2970 03

TEFF = 12000.0 LOG(G) = 3.50 X = 0.01640 Y = 0.98360

I	TAV	TF	PG	PE	RHO	KAPZ	DF (%)	D TE	X+2	XHE2	XHE3
1	1.0000-03	8.2540 03	1.9020-03	1.7770-04	9.6540-15	1.0750-02	-1.5720-01	-5.0260 01	1.0000 00	4.3270-02	3.0250-22
3	1.0000-07	9.2630 03	3.9170-02	2.4160-03	2.8550-13	6.4620-03	-1.5720-01	-3.6120 02	9.9980-01	3.4580-03	1.9470-24
5	1.0000-06	9.2190 03	4.6910-01	2.7620-02	2.4480-12	6.5950-03	-1.5720-01	-2.7540 02	9.9710-01	2.4880-04	8.0230-27
7	1.0000-05	9.3260 03	4.6540 00	2.7090-01	2.3760-11	7.0240-03	-1.5720-01	-9.6680 01	9.8700-01	9.6920-05	5.5370-27
9	1.0000-04	9.3320 03	3.7860 01	2.1290 00	1.8700-10	1.0020-02	-1.5670-01	-6.6240 00	9.5230-01	4.2920-05	4.4290-27
11	1.0000-03	9.3810 03	2.6140 02	1.0450 01	1.6600-09	2.1210-02	7.3020-02	-4.2490 00	8.2070-01	1.0620-05	3.3730-28
13	1.3590-03	9.8940 03	2.6480 02	1.2520 01	1.3120-09	2.3350-02	2.3460-01	-3.8090 00	7.9360-01	8.9600-06	2.4310-28
15	1.4480-03	9.9400 03	3.2670 02	1.5010 01	1.6180-09	2.6250-02	2.5250-01	-3.3340 00	7.7000-01	8.0370-06	2.1220-28
17	2.5120-03	9.9000 03	4.0210 02	1.8050 01	1.9850-09	2.9450-02	1.5560-01	-2.8510 00	7.5180-01	7.7260-06	2.3100-28
19	3.4150-03	9.9000 03	4.9280 02	2.1830 01	2.4190-09	3.3340-02	6.5190-02	-2.3040 00	7.4110-01	8.0210-06	3.2100-28
21	4.6420-03	9.6810 03	6.0110 02	2.6520 01	2.9240-09	3.8100-02	8.0980-02	-1.6250 00	7.3810-01	8.9650-06	5.6660-28
23	6.3100-03	9.1790 03	7.2970 02	3.2310 01	3.5110-09	4.3820-02	2.7370-02	-8.5750-01	7.4100-01	1.0570-05	1.1830-27
25	8.5720-03	9.2480 03	8.8100 02	3.9350 01	4.1880-09	5.0550-02	-1.0690-01	-9.8350-02	7.4750-01	1.2880-05	2.7340-27
27	1.1660-02	9.4020 03	1.0660 03	4.7810 01	4.9740-09	5.8330-02	-1.7430-01	5.4720-01	7.5540-01	1.5870-05	6.5260-27
29	1.5850-02	9.5150 03	1.2710 03	5.7900 01	5.8980-09	5.7230-02	-1.7280-01	9.4380-01	7.6330-01	1.9550-05	1.5500-26
31	2.1540-02	9.6410 03	1.5190 03	7.0030 01	5.9430-09	7.7510-02	-1.7120-01	1.1520 00	7.7290-01	2.4480-05	3.8720-26
33	2.9290-02	9.7760 03	1.8110 03	9.4760 01	8.1600-09	8.9460-02	-8.0350-02	1.4130 00	7.8490-01	3.1500-05	1.0510-25
35	3.9310-02	9.9240 03	2.1150 03	1.0260 02	9.5590-09	1.0330-01	4.4420-02	1.5570 00	7.9900-01	4.1660-05	3.1140-25
37	5.4120-02	1.0090 04	2.5660 03	1.2450 02	1.1150-08	1.1930-01	3.4730-02	1.6220 00	8.1680-01	5.7910-05	1.0780-24
39	7.3560-02	1.0270 04	3.0380 03	1.4580 02	1.2990-08	1.3720-01	-3.4730-02	1.1570 00	8.3430-01	8.1550-05	3.8730-24
41	1.0000-01	1.0480 04	3.6030 03	1.8330 02	1.5080-08	1.5760-01	1.4630-01	7.8560-01	8.5540-01	1.2300-04	1.7300-23
43	1.2590-01	1.0660 04	4.0940 03	2.1240 02	1.6830-08	1.7440-01	5.1130-01	7.7190-01	8.7250-01	1.7450-04	6.0470-23
45	1.5850-01	1.0850 04	4.6530 03	2.4610 02	1.8770-08	1.9230-01	8.0350-01	7.1770-02	8.8950-01	2.5450-04	2.3010-22
47	1.9950-01	1.1060 04	5.2930 03	2.8540 02	2.0920-08	2.1120-01	9.1400-01	-5.6780-01	9.0580-01	3.8120-04	9.5140-22
49	2.5120-01	1.1300 04	6.0280 03	3.3490 02	2.3300-08	2.3120-01	7.2240-01	-1.4600 00	9.2120-01	5.8680-04	4.2830-21
51	3.1520-01	1.1550 04	6.8740 03	3.8490 02	2.5970-08	2.5270-01	4.7000-01	-1.6180 00	9.3490-01	9.1890-04	2.0300-20
53	3.9310-01	1.1830 04	7.8480 03	4.4680 02	2.8910-08	2.7590-01	2.3400-01	-1.9530 00	9.4760-01	1.5050-03	1.1120-19
55	5.0120-01	1.2150 04	8.9710 03	5.2720 02	3.2120-08	3.0240-01	1.3290-01	-2.3360 00	9.5920-01	2.5990-03	7.2290-19
57	6.3100-01	1.2600 04	1.0250 04	6.2440 02	3.5580-08	3.3610-01	-2.1390-01	-1.9980 00	9.6860-01	4.5870-03	5.0710-18
59	7.9430-01	1.2980 04	1.1690 04	7.4350 02	3.9240-08	3.8300-01	-2.4460-01	-1.2860 00	9.7470-01	7.9960-03	3.4700-17
61	1.0000 00	1.3260 04	1.3240 04	8.0850 02	4.2980-08	4.5190-01	-5.1780-01	3.8590-01	9.7900-01	1.3280-02	2.0760-16
63	1.2590 00	1.3650 04	1.4870 04	1.1170 03	4.6570-08	5.5630-01	-2.0640-01	3.1300 00	9.8220-01	2.1170-02	1.1130-15
65	1.5850 00	1.4090 04	1.6490 04	1.4170 03	4.9410-08	7.2050-01	3.2840-01	2.4080 00	9.8500-01	3.4620-02	6.7510-15
67	1.9950 00	1.4530 04	1.8000 04	1.8240 03	5.1340-08	9.9930-01	4.5070-01	3.8820-01	9.8720-01	5.4460-02	3.7290-14
69	2.5120 00	1.5070 04	1.9340 04	2.3970 03	5.1970-08	1.4570 00	1.2610-01	-1.5680 00	9.8910-01	8.4920-02	2.0970-13
71	3.1520 00	1.5620 04	2.6070 04	3.1750 03	5.1170-08	2.2040 00	-2.5210-01	-2.2830 00	9.9080-01	1.2970-01	1.1540-12
73	3.9310 00	1.6160 04	2.1410 04	4.1130 03	4.9460-08	3.2740 00	-6.0260-01	1.3640 00	9.9210-01	1.8750-01	5.4140-12
75	5.0120 00	1.6760 04	2.2190 04	5.3050 03	4.6580-08	4.9680 00	8.7650-02	2.4100 00	9.9340-01	2.6880-01	2.6560-11
77	6.3100 00	1.7390 04	2.2860 04	6.6430 03	4.3090-08	7.0430 00	6.7390-01	-1.9980 00	9.9360-01	3.7080-01	1.2590-10
79	7.9430 00	1.8030 04	2.3450 04	8.0060 03	3.9590-08	9.4750 00	4.0830-01	-3.1690 00	9.9420-01	4.8670-01	5.4390-10
81	1.0000 00	1.8700 04	2.4010 04	9.3280 03	3.6290-08	1.1910 00	-8.7440-01	-9.0040-01	9.9480-01	6.1120-01	2.2840-09
83	1.2590 01	1.9470 04	2.4590 04	1.0550 03	3.3340-08	1.3920 01	-9.0710-01	1.3490 00	9.9560-01	7.3510-01	1.0090-08
85	1.5850 01	2.0200 04	2.5250 04	1.1500 04	3.1450-08	1.4920 01	-8.3310-02	3.7080 00	9.9630-01	8.2550-01	3.7230-08
87	1.9950 01	2.0940 04	2.6040 04	1.2290 04	3.3350-08	1.5170 01	1.3070 00	-8.9850-01	9.9680-01	8.8740-01	1.2220-07
89	2.5120 01	2.1690 04	2.7050 04	1.3050 04	2.9820-08	1.4960 01	3.2250-01	3.6110 00	9.9730-01	9.2820-01	3.7490-07
91	3.1520 01	2.2560 04	2.8360 04	1.3980 04	2.9640-08	1.4410 01	1.5750-02	-4.4200 00	9.9780-01	9.5690-01	1.2360-06
93	3.9310 01	2.3510 04	3.0090 04	1.4860 04	2.9930-08	1.3750 01	-5.0940-01	3.4900-01	9.9820-01	9.7430-01	4.0180-06
95	5.0120 01	2.4450 04	3.2380 04	1.5070 04	3.0820-08	1.3230 01	-5.0100-01	-1.5620-01	9.9850-01	9.8410-01	1.1730-05
97	6.3100 01	2.5420 04	3.5370 04	1.7600 04	3.2310-08	1.2880 01	9.2170-02	-3.0070-01	9.9870-01	9.8940-01	3.1700-05
99	7.9430 01	2.6430 04	3.9240 04	1.9550 04	3.4430-08	1.2690 01	-3.0350-02	-1.1520 00	9.9880-01	9.9190-01	8.1490-05

● F F F = 12000.0 LOG(G) = 3.50 X = 0.01640 Y = 0.98360

_LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
574.25	1.4320-01	1061.56	1.5460 07	2050.00	1.0460 08	3696.18	4.1830 07	4034.83	7.3590 07		
546.43	1.0900 00	1086.41	3.5880 07	2127.72	9.9220 07	3697.15	4.1770 07	4078.38	6.6240 07		
649.38	4.8210 01	1100.00	4.6650 07	2292.47	8.8600 07	3698.31	4.1630 07	4101.73	2.4890 07		
900.11	1.8030 03	1112.26	5.6010 07	2484.88	7.8100 07	3700.50	4.1710 07	4141.06	6.7810 07		
911.75	1.1310 04	1136.26	7.1490 07	2600.00	7.2600 07	3702.69	4.0260 07	4217.72	6.6160 07		
911.76	1.1260 04	1161.33	8.0660 07	2600.00	7.2600 07	3703.85	4.0110 07	4297.27	6.1260 07		
913.07	2.7040 04	1175.00	7.9120 07	2677.27	6.9410 07	3705.25	4.0300 07	4340.46	2.3120 07		
915.54	3.2710 04	1181.83	7.3630 07	2837.09	6.2850 07	3707.91	4.1140 07	4422.28	5.7150 07		
918.03	3.7840 04	1194.99	4.4940 07	3017.20	5.6620 07	3710.56	3.9130 07	4586.15	5.1220 07		
919.35	3.9910 04	1208.45	2.6690 06	3121.75	5.3320 07	3711.75	3.8660 07	4762.63	4.5280 07		
919.63	4.0300 04	1215.67	7.5910 05	3121.76	5.3350 07	3713.69	3.9610 07	4861.32	1.8390 07		
920.16	4.0780 04	1216.42	7.6280 05	3169.76	5.1930 07	3716.95	4.1330 07	4892.89	3.9760 07		
920.68	4.1640 04	1217.83	9.2350 05	3264.93	4.9280 07	3720.21	3.7860 07	4953.86	4.0000 07		
920.96	4.1940 04	1219.25	1.2880 06	3365.99	4.6640 07	3721.94	3.6370 07	5016.38	3.8590 07		
921.34	4.2290 04	1220.00	1.5350 06	3421.87	4.5260 07	3724.08	3.8960 07	5050.00	3.7800 07		
922.06	4.2760 04	1223.41	3.3190 06	3421.87	4.5350 07	3728.14	4.2670 07	5123.58	3.6130 07		
922.77	4.3210 04	1229.92	2.1270 07	3458.74	4.4450 07	3732.22	3.7470 07	5269.12	3.3060 07		
923.15	4.3360 04	1236.50	5.2870 07	3530.87	4.2770 07	3734.37	3.3990 07	5423.16	3.0140 07		
923.68	4.4310 04	1240.00	6.6490 07	3606.08	4.1110 07	3737.09	3.9240 07	5508.11	2.8670 07		
924.69	4.5050 04	1249.96	9.3420 07	3647.05	4.0230 07	3742.24	4.5330 07	5665.32	2.6180 07		
925.69	4.5680 04	1264.29	1.1690 08	3647.05	3.8630 07	3747.42	3.7400 07	5989.38	2.1860 07		
926.22	4.6090 04	1289.23	1.2750 08	3649.67	3.8550 07	3750.15	3.0870 07	6352.76	1.8040 07		
927.00	4.6660 04	1300.00	1.3120 08	3654.64	3.8690 07	3753.67	4.0020 07	6562.80	9.4390 06		
928.48	4.7530 04	1315.23	1.3550 08	3659.62	3.9230 07	3760.36	4.9890 07	6797.77	1.4450 07		
929.96	4.8500 04	1348.15	1.4050 08	3662.26	3.9650 07	3767.08	3.9350 07	7292.74	1.1460 07		
930.75	4.9000 04	1381.65	1.4330 08	3665.27	4.0260 07	3770.63	2.9160 07	7865.45	8.9070 06		
931.96	4.9820 04	1400.00	1.4410 08	3670.98	4.1540 07	3775.31	4.3230 07	8205.87	7.7350 06		
934.26	5.2140 04	1419.35	1.4480 08	3676.71	4.2670 07	3784.22	5.6220 07	8205.87	8.1530 06		
936.58	5.2900 04	1457.53	1.4490 08	3679.74	4.3090 07	3793.16	4.2640 07	8862.47	6.8850 06		
937.80	5.3760 04	1497.83	1.4380 08	3680.27	4.3140 07	3797.90	2.7590 07	10448.64	3.8220 06		
943.74	6.5710 04	1545.12	1.4190 08	3682.28	4.3300 07	3816.55	6.3840 07	14380.00	1.1960 06		
947.66	6.3990 04	1595.10	1.3910 08	3682.81	4.3340 07	3828.85	4.8910 07	15890.88	8.5920 05		
949.74	6.2580 04	1648.41	1.3540 08	3683.50	4.3370 07	3835.38	2.7120 07	19843.04	3.7200 05		
953.60	7.9770 04	1678.00	1.3310 08	3684.82	4.3400 07	3844.54	5.5830 07	26411.82	1.2670 05		
961.00	1.1770 05	1723.39	1.2960 08	3686.13	4.3340 07	3862.03	7.1030 07	32000.00	6.0400 04		
968.52	1.1600 05	1816.53	1.2180 08	3686.83	4.3360 07	3879.67	5.5590 07	34121.04	4.7090 04		
972.54	8.3840 04	1920.52	1.1390 08	3687.64	4.3300 07	3889.05	2.6360 07	39024.39	2.7940 04		
981.32	2.0140 05	1980.00	1.0960 08	3689.19	4.3250 07	3902.80	6.3420 07	45573.51	1.5250 04		
998.42	5.2090 05	1991.74	1.0870 08	3690.73	4.2900 07	3929.14	7.5100 07	50000.00	1.0610 04		
1016.12	3.9280 05	2014.39	1.0710 08	3691.55	4.2860 07	3955.84	6.3900 07	54724.75	7.4420 03		
1025.72	1.5060 05	2037.56	1.0550 08	3692.52	4.2700 07	3970.07	2.6100 07	66666.67	3.4230 03		
1037.82	9.3760 05	2050.00	1.0460 08	3694.35	4.2670 07	3992.20	6.9720 07	85275.25	1.2950 03		

$$T_{EFF} = 1200.0 \quad \text{LOG}(G) = 4.00 \quad X = 0.01640 \quad Y = 0.98360$$

I	TAJ	TE	PG	PE	RHD	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	8.3480 03	8.5400-03	6.3440-04	4.3760-14	9.3700-03	-8.5070-02	-2.8330 02	1.0000 00	1.8910-02	9.0630-23
3	1.0000-07	8.4320 03	1.3810-01	8.3510-03	7.1080-13	5.7410-03	-8.5070-02	-4.5780 02	9.9950-01	2.1030-03	1.6640-24
5	1.0000-06	8.3390 03	1.4960 00	8.6850-02	8.1010-12	9.6500-03	-8.5070-02	3.5260 02	9.8920-01	3.4350-05	5.9410-27
7	1.0000-05	8.6030 03	1.3800 01	7.8900-01	6.9900-11	7.9210-03	-8.5090-02	-2.8690 01	9.6920-01	4.6010-05	1.7980-29
9	1.0000-04	8.8600 03	9.3850 01	5.0060 00	4.6340-10	1.4250-02	-3.3280-02	-3.2520 00	9.0090-01	2.0410-05	1.1360-27
11	1.0000-03	8.7850 03	4.8200 02	1.9250 01	2.4340-09	2.9420-02	1.0530 00	-4.3520 00	6.6540-01	3.9380-06	3.0220-29
13	1.3590-03	8.8100 03	5.9760 03	2.2960 01	3.0140-09	3.2620-02	1.1890 00	-4.1470 00	6.3890-01	3.6540-06	2.9150-29
15	1.8480-03	8.8590 03	7.3840 02	2.7630 01	3.7080-09	3.6720-02	8.3190-01	-4.0190 00	6.2180-01	3.6780-06	3.6660-29
17	2.5120-03	8.9320 03	9.0740 02	3.3610 01	4.5210-09	4.2050-02	7.2680-01	-3.8570 00	6.1510-01	4.0220-06	6.0440-29
19	3.4150-03	9.0240 03	1.1060 03	4.1060 01	5.4560-09	4.8710-02	7.4200-01	-3.4670 00	6.1640-01	4.6790-06	1.2150-28
21	4.6420-03	9.1280 03	1.3390 03	5.0160 01	6.5240-09	5.6720-02	5.7530-01	-3.1590 00	6.2260-01	5.6380-06	2.7240-28
23	6.3100-03	9.2400 03	1.6100 03	6.1250 01	7.7460-09	6.6260-02	2.0730-01	-2.8520 00	6.3240-01	6.9720-06	6.6140-28
25	8.5770-03	9.3570 03	1.9250 03	7.4480 01	9.1370-09	7.7320-02	-9.2730-02	-2.6550 00	6.4380-01	8.7050-06	1.6470-27
27	1.1660-02	9.4750 03	2.2930 03	9.0220 01	1.0740-08	8.9990-02	-1.7730-01	-2.6390 00	6.5510-01	1.0840-05	4.0470-27
29	1.5850-02	9.6010 03	2.7230 03	1.0920 02	1.2580-08	1.0480-01	-1.3220-01	-2.5400 00	6.6830-01	1.3710-05	1.0440-26
31	2.1540-02	9.7250 03	3.2250 03	1.3170 02	1.4700-08	1.2170-01	-2.2910-02	-2.3510 00	6.8050-01	1.7180-05	2.5980-26
33	2.9290-02	9.8560 03	3.8130 03	1.5860 02	1.7140-08	1.4110-01	1.0960-01	-2.0970 00	6.9380-01	2.1730-05	6.6580-26
35	3.9810-02	1.0000 04	4.5010 03	1.9150 02	1.9920-08	1.6420-01	8.4520-02	-1.9380 00	7.1030-01	2.8340-05	1.8790-25
37	5.4120-02	1.0150 04	5.3050 03	2.3110 02	2.3090-08	1.9080-01	-1.1250-01	-1.5660 00	7.2800-01	3.7500-05	5.5460-25
39	7.3560-02	1.0330 04	6.2440 03	2.8020 02	2.6680-08	2.2250-01	-1.9670-01	-8.4550-01	7.5070-01	5.2490-05	1.9580-24
41	1.0700-01	1.0530 04	7.3400 03	3.4030 02	3.0720-08	2.5920-01	2.3070-01	-3.5710-01	7.7630-01	7.6470-05	7.8370-24
43	1.2590-01	1.0700 04	8.2800 03	3.9450 02	3.4050-08	2.9030-01	4.3410-01	-1.8060-01	7.9840-01	1.0590-04	2.5450-23
45	1.5850-01	1.0890 04	9.3380 03	4.5750 02	3.7680-08	3.2410-01	6.3670-01	-7.0900-01	8.2170-01	1.5160-04	9.1360-23
47	1.9950-01	1.1100 04	1.0530 04	5.3080 02	4.1650-08	3.6040-01	5.2110-01	-1.6310 00	8.4530-01	2.2390-04	3.6160-22
49	2.5120-01	1.1330 04	1.1890 04	6.1520 02	4.5980-08	3.9870-01	2.0370-01	-1.8870 00	8.6890-01	3.4340-04	1.6100-21
51	3.1620-01	1.1590 04	1.3440 04	7.1570 02	5.0740-08	4.3890-01	2.3620-01	-1.7420 00	8.9150-01	5.4560-04	7.9870-21
53	3.9810-01	1.1870 04	1.5210 04	8.3260 02	5.5970-08	4.8090-01	3.4490-01	-2.1010 00	9.1250-01	9.0190-04	4.4860-20
55	5.0120-01	1.2180 04	1.7250 04	9.7050 02	6.1770-08	5.2620-01	2.3740-01	-2.8970 00	9.3050-01	1.5160-03	2.6550-19
57	6.3100-01	1.2520 04	1.9680 04	1.1370 03	6.8140-08	5.7770-01	-2.3340-01	-2.9950 00	9.4560-01	2.6120-03	1.7030-18
59	7.9430-01	1.2890 04	2.2280 04	1.3410 03	7.5060-08	6.4090-01	-3.1370-01	-1.9330 00	9.5650-01	4.5530-03	1.1420-17
61	1.0000 00	1.3280 04	2.5280 04	1.6010 03	8.2420-08	7.2880-01	-2.5190-01	-3.1700-01	9.6450-01	7.7990-03	7.3490-17
63	1.2590 00	1.3670 04	2.8550 04	1.9370 03	8.9950-08	8.5670-01	3.2380-01	3.7930-01	9.7080-01	1.2690-02	4.3010-16
65	1.5850 00	1.4050 04	3.2000 04	2.3540 03	9.7530-08	1.0340 00	9.8380-01	2.0470-01	9.7500-01	1.9670-02	1.9810-15
67	1.9950 00	1.4540 04	3.5460 04	2.9990 03	1.0320-07	1.3570 00	4.3080-01	-3.9730 00	9.7950-01	3.3190-02	1.3550-14
69	2.5120 00	1.5080 04	3.8670 04	3.9120 03	1.0650-07	1.9010 00	-7.4480-01	-4.2690 00	9.8380-01	5.4490-02	8.4770-14
71	3.1620 00	1.5620 04	4.1490 04	5.1310 03	1.0760-07	2.7570 00	-5.0430-01	-1.1850-01	9.8580-01	8.4790-02	4.7080-13
73	3.9810 00	1.6140 04	4.3940 04	6.6150 03	1.0690-07	3.9750 00	-5.0430-01	5.6050 00	9.8780-01	1.2320-02	2.1180-12
75	5.0120 00	1.6710 04	4.5840 04	8.5400 03	1.0310-07	5.8590 00	7.2650-01	5.8500 00	9.8970-01	1.7820-01	9.8400-12
77	6.3100 00	1.7390 04	4.7810 04	1.1190 04	9.7330-08	8.9150 00	1.3620 00	-5.7250 00	9.9020-01	2.6010-01	5.2490-11
79	7.9430 00	1.8050 04	4.9300 04	1.4030 04	9.0280-08	1.2760 00	-4.4760-01	-8.8720 00	9.9070-01	3.5850-01	2.4130-10
81	1.0000 01	1.8760 04	5.0630 04	1.7080 04	8.2650-08	1.7390 01	-1.3140 00	-1.6610 00	9.9150-01	4.7690-01	1.0980-09
83	1.2590 01	1.9490 04	5.1900 04	1.9980 04	7.5660-08	2.1930 01	-5.3070-01	6.1960 00	9.9260-01	6.0170-01	4.5740-09
85	1.5850 01	2.0190 04	5.3210 04	2.2380 04	7.0590-08	2.5310 01	-3.8900-01	1.1510 01	9.9370-01	7.0790-01	1.5980-08
87	1.9950 01	2.0970 04	5.4690 04	2.4570 04	6.6400-08	2.7510 01	1.8290 00	2.7470 00	9.9480-01	8.0350-01	5.8190-08
89	2.5120 01	2.1740 04	5.6460 04	2.6400 04	6.3890-08	2.8920 01	-1.2070-02	-1.4630 00	9.9570-01	8.7060-01	1.8740-07
91	3.1620 01	2.2590 04	5.8670 04	2.8170 04	6.2410-08	2.8020 01	2.4730-01	1.4240 00	9.9650-01	9.1870-01	6.0470-07
93	3.9810 01	2.3500 04	6.1530 04	3.0030 04	6.1960-08	2.7120 01	-1.5380 00	2.8970 00	9.9720-01	9.5010-01	1.9200-06
95	5.0120 01	2.4460 04	6.5290 04	3.2160 04	6.2590-08	2.6040 01	-2.4130-01	6.2090 00	9.9770-01	9.6920-01	5.7980-06
97	6.3100 01	2.5450 04	7.0220 04	3.4780 04	6.4360-08	2.5090 01	8.3400-01	9.3150-01	9.9810-01	9.8010-01	1.6370-05
99	7.9430 01	2.6450 04	7.6640 04	3.9060 04	6.7430-08	2.4450 01	7.8820-01	2.5970 00	9.9820-01	9.8540-01	4.2150-05

TEMP = 1200.0			LOG(ξ) =		X =		Y =		0.98360	
			4.00		0.01640		0.98360			
-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM
504.26	1.4500-01	1061.56	7.2830 06	2050.00	1.0720 08	3696.18	4.3130 07	4034.83	7.2420 07	
546.43	1.1100 00	1086.41	2.2390 07	2127.72	1.0140 03	3697.15	4.3130 07	4078.38	6.3000 07	
649.38	4.9010 01	1100.00	3.1990 07	2292.47	9.0720 07	3698.31	4.3060 07	4101.73	2.3850 07	
800.11	1.7850 03	1112.26	4.0470 07	2484.88	7.9820 07	3700.50	4.3060 07	4141.06	6.6530 07	
911.76	1.1200 04	1136.26	5.5990 07	2600.00	7.4090 07	3702.69	4.2200 07	4217.72	6.6230 07	
911.76	1.1120 04	1161.33	6.4430 07	2600.00	7.4090 07	3703.85	4.2200 07	4297.27	6.0630 07	
913.07	2.6560 04	1175.00	6.0210 07	2677.27	7.0710 07	3705.25	4.2210 07	4340.46	2.2270 07	
915.54	3.1610 04	1181.83	5.3090 07	2937.09	6.4100 07	3707.91	4.2400 07	4422.28	5.7350 07	
918.03	3.5110 04	1194.99	2.3660 07	3121.75	5.7790 07	3710.56	4.1160 07	4586.15	5.1640 07	
919.35	3.6250 04	1209.45	2.0090 06	3121.76	5.4420 07	3711.97	4.0850 07	4762.63	4.5500 07	
920.16	3.6420 04	1215.67	6.6160 05	3169.76	5.4420 07	3713.69	4.1230 07	4861.32	1.7780 07	
920.68	3.6720 04	1216.42	6.6490 05	3169.76	5.2960 07	3716.95	4.1880 07	4892.89	3.8830 07	
920.68	3.7130 04	1217.83	7.7580 05	3264.93	5.0240 07	3720.21	3.9740 07	4953.86	4.0170 07	
920.96	3.7280 04	1219.25	1.0720 06	3365.99	4.7540 07	3721.94	3.8860 07	5016.38	3.9850 07	
921.34	3.7450 04	1220.00	1.2720 06	3421.87	4.6130 07	3724.08	4.0270 07	5050.00	3.8070 07	
922.06	3.7820 04	1223.41	2.3890 06	3421.87	4.6180 07	3728.14	4.2110 07	5123.58	3.6400 07	
922.77	3.8120 04	1229.92	9.0810 06	3458.74	4.5270 07	3732.22	3.8650 07	5269.12	3.3300 07	
923.15	3.8330 04	1236.50	2.8950 07	3530.87	4.3570 07	3734.37	3.6490 07	5423.16	3.0370 07	
923.68	3.8620 04	1240.00	4.2240 07	3506.08	4.1890 07	3737.09	3.9840 07	5508.11	2.8900 07	
924.69	3.8910 04	1249.96	7.2110 07	3647.05	4.0990 07	3742.24	4.3350 07	5665.32	2.6410 07	
925.69	3.9480 04	1269.29	1.0420 08	3647.05	3.9400 07	3747.42	3.7590 07	5989.38	2.2060 07	
926.22	3.9700 04	1289.23	1.2040 08	3649.67	3.9310 07	3750.15	3.2830 07	6352.76	1.8170 07	
927.00	4.0100 04	1300.00	1.2590 08	3654.64	3.9360 07	3753.67	3.9610 07	6562.80	9.1660 06	
928.48	4.0370 04	1316.23	1.3210 08	3659.62	3.9680 07	3760.36	4.6460 07	6797.77	1.4560 07	
929.96	4.1630 04	1348.15	1.3980 08	3662.26	3.9950 07	3767.08	3.8430 07	7292.74	1.1560 07	
930.75	4.2030 04	1381.65	1.4400 08	3665.27	4.0330 07	3770.63	3.0150 07	7865.45	8.9830 06	
931.96	4.2410 04	1400.00	1.4550 08	3670.98	4.1200 07	3775.31	4.1370 07	8205.87	7.7970 06	
934.26	4.3620 04	1419.35	1.4660 08	3676.71	4.2110 07	3784.22	5.1450 07	8205.87	3.2060 06	
936.58	4.4800 04	1457.53	1.4760 08	3679.74	4.2950 07	3793.16	4.0100 07	8862.47	6.9300 06	
937.80	4.5740 04	1497.83	1.4710 08	3680.27	4.2620 07	3797.90	2.7590 07	10448.64	3.8490 06	
939.84	4.7150 04	1520.00	1.4650 08	3681.28	4.2740 07	3804.32	4.4220 07	12726.36	1.8840 06	
943.74	5.4140 04	1545.12	1.4580 08	3682.28	4.2860 07	3816.55	5.8360 07	14380.00	1.2040 06	
947.66	5.2880 04	1595.10	1.4290 08	3682.81	4.2930 07	3828.85	4.4770 07	15890.88	8.6490 05	
949.74	5.3280 04	1648.41	1.3910 08	3683.80	4.3000 07	3835.38	2.6540 07	19843.04	3.7440 05	
953.60	6.5560 04	1678.00	1.3670 08	3684.82	4.3130 07	3844.54	5.0730 07	26411.82	1.2750 05	
961.00	9.6660 04	1723.39	1.3310 08	3686.13	4.3220 07	3862.03	6.5970 07	32000.00	6.0750 04	
968.52	9.5520 04	1816.53	1.2550 08	3686.83	4.3290 07	3879.67	5.0500 07	34121.04	4.7360 04	
972.54	7.0450 04	1920.32	1.1730 08	3687.94	4.3330 07	3889.05	2.5440 07	39024.39	2.8080 04	
981.32	1.7470 05	1980.00	1.1260 08	3689.19	4.3430 07	3902.80	5.8090 07	45573.51	1.5310 04	
998.42	3.3460 05	1991.74	1.1170 08	3690.73	4.3390 07	3929.14	7.1360 07	50000.00	1.0640 04	
1016.12	3.4670 05	2014.39	1.0990 08	3691.55	4.3420 07	3955.84	5.8850 07	54724.75	7.4650 03	
1025.72	1.2910 05	2037.56	1.0810 08	3692.52	4.3400 07	3970.07	2.5020 07	66666.67	3.4270 03	
1037.82	6.0960 05	2050.00	1.0720 08	3694.35	4.3450 07	3992.20	6.6050 07	85275.25	1.2940 03	

$$T_{\text{eff}} = 12000.0 \quad \text{LOG(G)} = 4.50 \quad X = 0.01040 \quad Y = 0.98360$$

I	TAJ	T <sup>+</sup>	DG	PE	R40	KAPZ	D <sup>F</sup> (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	9.3480-03	3.7990-02	2.3940-03	1.9700-13	7.0210-03	7.0500-02	-4.5330-02	9.9990-01	5.0750-03	6.4250-24
3	1.0000-07	3.2540-03	4.6640-01	2.7490-02	2.4570-12	6.5990-03	7.0500-02	-3.8990-02	9.9730-01	2.9230-04	1.3210-26
5	1.0000-06	9.1490-03	4.6660-00	2.6610-01	2.4950-11	6.9930-03	7.0510-02	2.2020-02	9.9340-01	1.8760-05	3.1740-29
7	1.0000-05	6.6720-03	3.7850-01	2.0980-00	1.9060-10	1.0030-02	7.0500-02	3.1850-01	9.3340-01	2.3070-05	6.2240-28
9	1.0000-04	8.7800-03	2.1650-02	1.0170-01	1.0860-09	2.0710-02	-3.0670-02	-8.3950-00	7.8830-01	7.3240-06	1.0250-28
11	1.0000-03	3.7060-03	3.3830-01	3.3830-01	5.9200-09	3.7310-02	3.7280-00	-9.0230-00	4.8510-01	1.6390-06	5.0260-30
13	1.3590-03	3.7620-03	1.4340-03	4.0940-01	7.3500-09	4.2210-02	2.9540-00	-9.1970-00	4.6990-01	1.6910-06	3.0760-30
15	1.8480-03	3.8430-03	1.7730-03	5.0190-01	9.0040-09	4.8920-02	2.2120-00	-9.4760-00	4.6590-01	1.9000-06	9.1120-30
17	2.5120-03	8.9490-03	2.1670-03	6.2220-02	1.0870-08	5.8020-02	1.9570-00	-9.5170-00	4.7280-01	2.3200-06	2.1650-29
19	3.4150-03	9.0680-03	2.6150-03	7.7030-01	1.2940-08	6.9260-02	9.0100-01	-9.0740-00	4.8530-01	2.9390-06	5.7640-29
21	4.6420-03	9.1820-03	3.1290-03	9.4260-01	1.5280-08	8.1880-02	4.8370-01	-7.8460-00	4.9670-01	3.6630-06	1.4380-28
23	6.3100-03	7.3000-03	3.7210-03	1.1500-02	1.7920-08	9.6730-02	-6.4600-02	-6.8870-00	5.0980-01	4.6080-06	3.6790-28
25	8.5770-03	7.4200-03	4.3990-03	1.3950-02	2.0890-08	1.1390-01	-5.1470-01	-6.0520-00	5.2350-01	5.7960-06	9.3500-28
27	1.1660-02	9.5440-03	5.1850-03	1.6880-02	2.4290-08	1.3390-01	-3.1320-01	-5.6180-00	5.3800-01	7.3170-06	2.3950-27
29	1.5850-02	9.6640-03	6.0980-03	2.0320-02	2.8190-08	1.5650-01	4.0810-02	-5.6450-00	5.5100-01	9.1120-05	5.8420-27
31	2.1540-02	9.7910-03	7.1600-03	2.4450-02	3.2640-08	1.8300-01	2.9700-01	-5.0180-00	5.6530-01	1.1450-05	1.4650-26
33	2.9290-02	9.9130-03	8.3970-03	2.9270-02	3.7780-08	2.1280-01	4.6390-01	-5.7990-00	5.7750-01	1.4130-05	3.4470-26
35	3.9810-02	1.0050-04	9.8400-03	3.5180-02	4.3640-08	2.4850-01	3.0180-01	-6.1540-00	5.9270-01	1.7870-05	8.7990-26
37	5.4120-02	1.0200-04	1.1510-04	4.2510-02	5.0220-08	2.9230-01	6.7660-03	-5.5940-00	6.1290-01	2.3540-05	2.5650-25
39	7.3560-02	1.0380-04	1.3440-04	5.1160-02	5.7540-08	3.4570-01	-6.4470-02	-4.9230-00	6.3850-01	3.2450-05	8.6470-25
41	1.0000-01	1.0570-04	1.5650-04	6.2890-02	6.5650-08	4.0990-01	4.0380-01	-4.4460-00	6.6890-01	4.6720-05	3.3480-24
43	1.2590-01	1.0740-04	1.7520-04	7.3050-02	7.2230-08	4.6580-01	7.3430-01	-4.8300-00	6.9500-01	6.3490-05	1.0260-23
45	1.5850-01	1.0920-04	1.9590-04	8.4960-02	7.9260-08	5.2890-01	1.1410-00	-6.0780-00	7.2380-01	8.9200-05	3.4890-23
47	1.9950-01	1.1130-04	2.1890-04	9.8990-02	8.6760-08	5.9890-01	7.7320-01	-7.3740-00	7.5500-01	1.3000-04	1.3300-22
49	2.5120-01	1.1360-04	2.4450-04	1.1510-03	9.4770-08	6.7470-01	4.5630-01	-8.0590-00	7.8750-01	1.9700-04	5.7190-22
51	3.1620-01	1.1610-04	2.7320-04	1.3400-03	1.0340-07	7.5500-01	3.1180-01	-8.2690-00	8.0220-01	3.1010-04	2.7610-21
53	3.9810-01	1.1900-04	3.0560-04	1.5600-03	1.1260-07	8.3870-01	-7.4660-03	-8.2190-00	8.5290-01	5.1470-04	1.5710-20
55	5.0120-01	1.2220-04	3.4250-04	1.8170-03	1.2260-07	9.2440-01	-3.3740-01	-7.2210-00	8.8280-01	8.8470-04	9.9490-20
57	6.3100-01	1.2940-04	4.3330-04	2.4720-03	1.4590-07	1.1110-00	-3.3340-01	-5.6070-00	9.0840-01	1.5560-03	6.7600-19
59	7.9430-01	1.2940-04	4.8870-04	2.9060-03	1.5950-07	1.2350-00	-2.3350-01	-3.2530-00	9.4100-01	2.7300-03	4.5620-18
61	1.0000-00	1.3320-04	4.8870-04	2.9060-03	1.7410-07	1.4020-00	3.1830-01	-3.0720-00	9.5170-01	4.6730-03	2.8700-17
63	1.2590-00	1.3710-04	5.5090-04	3.4460-03	1.7410-07	1.4020-00	3.1830-01	-3.0720-00	9.5170-01	7.7130-03	1.6310-16
65	1.5850-00	1.4070-04	6.1910-04	4.1030-03	1.8990-07	1.6240-00	9.1470-01	-3.5320-00	9.5890-01	1.1760-02	7.2790-16
67	1.9950-00	1.4550-04	6.9110-04	5.0770-03	2.0340-07	1.9990-00	4.5700-01	-7.8520-00	9.6700-01	2.0070-02	4.8400-15
69	2.5120-00	1.5070-04	7.6270-04	6.4420-03	2.1410-07	2.6120-00	-4.4590-01	-8.3350-00	9.7320-01	3.3600-02	3.1050-14
71	3.1620-00	1.5600-04	8.2990-04	8.2790-03	2.2130-07	3.5670-00	-7.7840-01	-5.3240-00	9.7780-01	5.3000-02	1.7290-13
73	3.9810-00	1.6110-04	8.9130-04	1.0570-04	2.2530-07	4.9370-00	-5.5580-01	3.7660-01	9.8100-01	7.8140-02	7.8010-13
75	5.0120-00	1.6670-04	9.4660-04	1.3670-04	2.2450-07	7.0380-00	5.9570-01	2.2410-00	9.8360-01	1.1440-01	3.5740-12
77	6.3100-00	1.7330-04	9.9340-04	1.8020-04	2.1680-07	1.0680-01	1.4630-00	-7.0330-00	9.8440-01	1.7070-01	1.8880-11
79	7.9430-00	1.8000-04	1.0330-05	2.3240-04	2.0540-07	1.5770-01	6.3420-02	-1.2540-01	9.8520-01	2.4420-01	9.0060-11
81	1.0000-01	1.8710-04	1.0670-05	2.9260-04	1.9120-07	2.2570-01	-8.9480-01	-7.8780-00	9.8640-01	3.3740-01	4.0560-10
83	1.2590-01	1.9460-04	1.0970-05	3.5830-04	1.7540-07	3.0940-01	-1.1140-00	-2.3550-00	9.8800-01	4.5160-01	1.7990-09
85	1.5850-01	2.0180-04	1.1260-05	4.11840-04	1.6200-07	3.8900-01	-3.9130-01	5.1620-00	9.8970-01	5.6480-01	6.6980-09
87	1.9950-01	2.0980-04	1.1550-05	4.7660-04	1.4950-07	4.6140-01	1.3200-00	-3.0370-00	9.9150-01	6.8280-01	2.5980-08
89	2.5120-01	2.1770-04	1.1880-05	5.2490-04	1.4080-07	5.6640-01	3.3620-01	-9.5500-00	9.9300-01	7.7780-01	8.7620-08
91	3.1620-01	2.2630-04	1.2270-05	5.6830-04	1.3450-07	5.2680-01	1.5610-01	-6.0350-00	9.9450-01	8.5400-01	2.9440-07
93	3.9810-01	2.3550-04	1.2750-05	6.0890-04	1.3070-07	5.2420-01	-1.4900-00	-3.8660-00	9.9570-01	9.0860-01	9.7870-07
95	5.0120-01	2.4530-04	1.3370-05	6.5010-04	1.2940-07	5.0900-01	-1.4010-01	-2.3770-01	9.9650-01	9.4330-01	3.0470-06
97	6.3100-01	2.5530-04	1.4170-05	6.9630-04	1.3050-07	4.8950-01	1.0220-00	-7.2200-00	9.9720-01	9.6330-01	8.8030-06
99	7.9430-01	2.5530-04	1.5230-05	7.5210-04	1.3430-07	4.7370-01	7.5610-01	-3.7690-00	9.9740-01	9.7400-01	2.2920-05



TEFE = 1200.0 LOG(G) = 4.50 X = 0.01640 Y = 0.98360									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.25	1.3710-01	1061.56	3.1280 06	2050.00	1.1060 08	3696.18	4.3400 07	4034.83	7.0840 07
546.43	1.0700 00	1086.41	1.2330 07	2127.72	1.0460 05	3697.15	4.3450 07	4078.38	5.9170 07
649.38	4.7910 01	1100.00	1.9630 07	2292.47	9.3350 07	3698.31	4.3470 07	4101.73	2.2760 07
900.11	1.8220 02	1112.26	2.6460 07	2484.88	8.1990 07	3700.50	4.3560 07	4141.06	6.4680 07
911.76	1.1380 04	1136.26	3.9160 07	2600.00	7.6010 07	3702.69	4.3260 07	4217.72	6.6280 07
911.76	1.1280 04	1161.33	4.5140 07	2600.00	7.6010 07	3703.85	4.3250 07	4297.27	5.9580 07
913.07	2.3970 04	1175.00	3.8990 07	2677.27	7.2440 07	3705.25	4.3280 07	4340.46	2.1310 07
915.54	2.7990 04	1181.83	3.1560 07	2837.09	6.5600 07	3707.91	4.3410 07	4422.28	5.7520 07
919.03	3.0650 04	1194.99	1.0340 07	3017.20	5.9120 07	3710.55	4.2790 07	4586.15	5.2110 07
919.35	3.1500 04	1208.45	1.6070 06	3121.75	5.5620 07	3711.97	4.2630 07	4762.63	4.5660 07
919.63	3.1640 04	1215.67	5.6730 05	3121.76	5.5630 07	3713.69	4.2780 07	4861.32	1.7120 07
920.10	3.1850 04	1216.42	5.7050 05	3169.94	5.4120 07	3716.95	4.3020 07	4892.89	3.7580 07
920.68	3.2100 04	1217.83	6.4080 05	3264.93	5.1310 07	3720.21	4.1770 07	4953.86	4.0320 07
920.96	3.2190 04	1219.25	8.8340 05	3365.99	4.8530 07	3721.94	4.1260 07	5016.38	3.9180 07
921.34	3.2330 04	1220.00	1.0450 06	3421.87	4.7070 07	3724.08	4.1960 07	5050.00	3.8430 07
922.06	3.2650 04	1223.41	1.9010 06	3421.87	4.7110 07	3728.14	4.2760 07	5123.58	3.6760 07
922.77	3.2820 04	1229.92	4.7190 06	3458.74	4.6170 07	3732.22	4.0570 07	5259.12	3.3660 07
923.15	3.2920 04	1236.50	1.3730 07	3530.87	4.4420 07	3734.37	3.9310 07	5423.16	3.0760 07
923.68	3.3080 04	1240.00	2.1650 07	3606.08	4.2680 07	3737.09	4.1160 07	5508.11	2.9210 07
924.69	3.3080 04	1249.96	4.8510 07	3647.05	4.1770 07	3742.24	4.2790 07	5665.32	2.6680 07
925.69	3.3590 04	1269.29	8.4760 07	3647.05	4.0190 07	3747.42	3.8760 07	5989.38	2.2280 07
926.22	3.3750 04	1289.23	1.0690 08	3649.67	4.0100 07	3750.15	3.5640 07	6352.76	1.8330 07
927.00	3.4030 04	1300.00	1.1480 08	3654.64	4.0080 07	3753.67	4.0170 07	6562.80	8.8730 06
928.48	3.3590 04	1316.23	1.2390 08	3659.62	4.0250 07	3760.36	4.4370 07	6797.77	1.4690 07
928.95	3.5120 04	1349.15	1.3520 08	3662.26	4.0410 07	3767.08	3.8400 07	7292.74	1.1670 07
930.75	3.5410 04	1381.65	1.4220 08	3665.27	4.0650 07	3770.63	3.2260 07	7855.45	9.0640 06
931.96	3.5460 04	1400.00	1.4480 08	3670.98	4.1210 07	3775.31	4.0720 07	8205.87	7.8650 06
934.26	3.5510 04	1419.35	1.4640 08	3676.71	4.1860 07	3784.22	4.7800 07	8205.87	8.2680 06
936.58	3.7000 04	1497.83	1.4880 08	3679.74	4.2200 07	3793.16	3.8650 07	8862.47	6.9830 06
937.80	3.8140 04	1520.00	1.4950 08	3680.27	4.2260 07	3797.90	2.8360 07	10448.64	3.8770 06
939.84	3.8350 04	1520.00	1.4940 08	3681.28	4.2360 07	3804.32	4.2010 07	12726.36	1.8970 06
943.74	4.3550 04	1545.12	1.4890 08	3682.28	4.2470 07	3816.55	5.3580 07	14380.00	1.2120 06
947.66	4.2720 04	1595.10	1.4660 08	3682.81	4.2530 07	3828.85	4.1790 07	15890.88	8.7030 05
949.74	4.4380 04	1648.41	1.4350 08	3683.50	4.2600 07	3835.38	2.6450 07	19843.04	3.7670 05
953.60	5.2410 04	1678.00	1.4090 08	3684.82	4.2730 07	3844.54	4.6750 07	26411.82	1.2820 05
951.00	7.9260 04	1723.39	1.3740 08	3686.13	4.2850 07	3862.03	6.1020 07	32000.00	6.1070 04
968.52	7.6470 04	1816.53	1.2960 08	3686.83	4.2920 07	3879.67	4.6140 07	34121.04	4.7600 04
972.54	5.8300 04	1920.32	1.2110 08	3687.64	4.2990 07	3889.05	2.4730 07	39024.39	2.8220 04
981.32	1.4510 05	1980.00	1.1620 08	3689.19	4.3120 07	3902.80	5.3070 07	45573.51	1.5380 04
998.42	3.4780 05	1991.74	1.1530 08	3690.73	4.3190 07	3929.14	6.8120 07	50000.00	1.0690 04
1015.12	2.8540 05	2014.39	1.1350 08	3691.85	4.3260 07	3955.84	5.3990 07	54724.75	7.4890 03
1025.72	1.0840 05	2037.56	1.1160 08	3692.52	4.3310 07	3970.07	2.4010 07	66666.67	3.4340 03
1037.82	4.7760 05	2050.00	1.1060 08	3694.35	4.3440 07	3992.20	6.1830 07	85275.25	1.2940 03

TEFF = 12000.0 LOG(G) = 2.50 X = 0.14300 Y = 0.85700

I	TAJ	TE	PG	PE	RHO	KAPZ	DF(%)	D	TE	XH2	XHE2	XHE3
1	1.0003-08	8.116D 03	3.284D-05	1.179D-05	8.797D-17	7.958D-02	-5.052D-01	-1.693D 02	1.000D 00	2.669D-01	7.393D-21	
3	1.0003-07	7.965D 03	4.943D-04	1.437D-04	1.490D-15	5.820D-02	-5.052D-01	-4.336D 02	1.000D 00	1.585D-02	9.638D-24	
5	1.0003-06	7.950D 03	5.433D-03	1.555D-03	1.655D-14	5.697D-02	-5.052D-01	-4.317D 02	9.997D-01	1.253D-03	4.886D-26	
7	1.0003-05	8.143D 03	5.499D-02	1.570D-02	1.637D-13	5.712D-02	-3.205D-01	-4.422D 02	9.980D-01	3.093D-04	8.369D-27	
9	1.0003-04	8.594D 03	5.400D-01	1.537D-01	1.525D-12	5.930D-02	-1.031D 00	-2.193D 01	9.937D-01	2.277D-04	4.228D-26	
11	1.0003-03	9.029D 03	4.712D 00	1.328D 00	1.271D 00	7.517D-02	-1.295D 00	1.472D 01	9.803D-01	1.475D-04	1.232D-25	
13	1.359D-03	9.032D 03	6.150D 00	1.726D 00	1.662D-11	8.050D-02	-1.312D 00	1.524D 01	9.748D-01	1.148D-04	7.567D-26	
15	1.848D-03	9.036D 03	7.964D 00	2.224D 00	2.155D-11	8.709D-02	-1.325D 00	1.528D 01	9.680D-01	9.016D-05	4.733D-26	
17	2.512D-03	9.041D 03	1.023D 01	2.839D 00	2.772D-11	9.507D-02	-1.328D 00	1.531D 01	9.600D-01	7.212D-05	3.100D-26	
19	3.415D-03	9.051D 03	1.302D 01	3.590D 00	3.535D-11	1.046D-01	-1.315D 00	1.534D 01	9.511D-01	5.931D-05	2.190D-26	
21	4.642D-03	9.070D 03	1.645D 01	4.503D 00	4.469D-11	1.158D-01	-1.292D 00	1.540D 01	9.417D-01	5.066D-05	1.727D-26	
23	6.310D-03	9.101D 03	2.063D 01	5.609D 00	5.600D-11	1.288D-01	-1.257D 00	1.549D 01	9.328D-01	4.563D-05	1.594D-26	
25	8.577D-03	9.149D 03	2.569D 01	6.947D 00	6.953D-11	1.439D-01	-1.202D 00	1.561D 01	9.256D-01	4.402D-05	1.813D-26	
27	1.166D-02	9.218D 03	3.182D 01	8.573D 00	8.556D-11	1.612D-01	-1.144D 00	1.577D 01	9.213D-01	4.594D-05	2.623D-26	
29	1.585D-02	9.310D 03	3.920D 01	1.055D 01	1.044D-10	1.809D-01	-1.041D 00	1.598D 01	9.204D-01	5.193D-05	4.856D-26	
31	2.154D-02	9.423D 03	4.806D 01	1.296D 01	1.264D-10	2.033D-01	-9.439D-01	1.620D 01	9.224D-01	6.298D-05	1.117D-25	
33	2.929D-02	9.554D 03	5.873D 01	1.589D 01	1.521D-10	2.285D-01	-8.335D-01	1.653D 01	9.266D-01	8.059D-05	3.023D-25	
35	3.981D-02	9.702D 03	7.157D 01	1.945D 01	1.823D-10	2.569D-01	-5.335D-01	1.653D 01	9.324D-01	1.077D-04	9.383D-25	
37	5.412D-02	9.869D 03	8.698D 01	2.377D 01	2.173D-10	2.882D-01	-4.398D-01	1.649D 01	9.394D-01	1.511D-04	3.374D-24	
39	7.356D-02	1.006D 04	1.056D 02	2.904D 01	2.582D-10	3.224D-01	-4.477D-01	1.640D 01	9.474D-01	2.245D-04	1.447D-23	
41	1.0003-01	1.028D 04	1.282D 02	3.548D 01	3.061D-10	3.591D-01	-2.581D-01	1.620D 01	9.555D-01	3.524D-04	7.362D-23	
43	1.259D-01	1.046D 04	1.482D 02	4.123D 01	3.473D-10	3.883D-01	-5.169D-02	1.569D 01	9.616D-01	5.121D-04	2.786D-22	
45	1.585D-01	1.066D 04	1.715D 02	4.793D 01	3.935D-10	4.184D-01	-3.418D-01	1.463D 01	9.677D-01	7.739D-04	1.191D-21	
47	1.995D-01	1.086D 04	1.987D 02	5.578D 01	4.459D-10	4.497D-01	-4.939D-01	1.309D 01	9.732D-01	1.198D-03	5.482D-21	
49	2.512D-01	1.112D 04	2.306D 02	6.501D 02	5.053D-10	4.824D-01	-3.929D-01	1.144D 01	9.782D-01	1.903D-03	2.741D-20	
51	3.162D-01	1.138D 04	2.680D 02	7.592D 01	5.727D-10	5.161D-01	-2.239D-01	1.009D 01	9.827D-01	3.134D-03	1.534D-19	
53	3.981D-01	1.167D 04	3.122D 02	8.987D 02	6.492D-10	5.906D-01	-1.305D-01	8.268D 00	9.895D-01	5.300D-03	9.910D-18	
55	5.012D-01	1.198D 04	3.642D 02	1.043D 02	7.358D-10	6.345D-01	-1.122D-01	7.349D 00	9.920D-01	1.580D-02	4.026D-17	
57	6.310D-01	1.232D 04	4.252D 02	1.229D 02	8.325D-10	6.345D-01	-1.122D-01	7.349D 00	9.920D-01	1.580D-02	4.026D-17	
59	7.943D-01	1.269D 04	4.965D 02	1.455D 02	9.387D-10	6.868D-01	-9.332D-02	6.469D 00	9.939D-01	2.780D-02	2.852D-16	
61	1.0003 00	1.308D 04	5.787D 02	1.732D 02	1.052D-09	7.547D-01	-2.306D-01	6.126D 00	9.948D-01	4.822D-02	1.977D-15	
63	1.259D 00	1.350D 04	6.716D 02	2.079D 02	1.165D-09	8.479D-01	-2.364D-01	6.504D 00	9.954D-01	1.358D-01	8.813D-14	
65	1.585D 00	1.394D 04	7.736D 02	2.510D 02	1.272D-09	9.782D-01	-2.381D-02	6.450D 00	9.964D-01	1.358D-01	8.813D-14	
67	1.995D 00	1.440D 04	8.822D 02	3.043D 02	1.362D-09	1.158D 00	-4.384D-02	5.770D 00	9.970D-01	2.127D-01	5.248D-13	
69	2.512D 00	1.489D 04	9.949D 02	3.689D 02	1.427D-09	1.395D 00	-1.242D-01	4.868D 00	9.976D-01	3.168D-01	2.949D-12	
71	3.162D 00	1.542D 04	1.109D 03	4.445D 02	1.462D-09	1.685D 00	-5.242D-02	3.815D 00	9.981D-01	4.494D-01	1.648D-11	
73	3.981D 00	1.599D 04	1.229D 03	5.287D 02	1.480D-09	1.992D 00	-4.395D-01	4.339D 00	9.985D-01	5.925D-01	8.614D-11	
75	5.012D 00	1.658D 04	1.356D 03	6.157D 02	1.516D-09	2.258D 00	-2.458D-01	5.302D 00	9.988D-01	7.195D-01	3.968D-10	
77	6.310D 00	1.718D 04	1.501D 03	7.056D 02	1.570D-09	2.451D 00	-6.361D-02	5.359D 00	9.990D-01	8.135D-01	1.623D-09	
79	7.943D 00	1.782D 04	1.671D 03	8.047D 02	1.650D-09	2.584D 00	-1.330D-01	5.095D 00	9.991D-01	8.805D-01	6.349D-09	
81	1.0003 01	1.850D 04	1.877D 03	9.170D 02	1.762D-09	2.682D 00	-5.178D-02	4.819D 00	9.991D-01	9.254D-01	2.353D-08	
83	1.259D 01	1.922D 04	2.131D 03	1.050D 03	1.908D-09	2.761D 00	-1.344D-01	4.425D 00	9.992D-01	9.540D-01	8.372D-08	
85	1.585D 01	1.997D 04	2.443D 03	1.211D 03	2.094D-09	2.843D 00	-1.127D-01	5.089D 00	9.993D-01	9.712D-01	2.794D-07	
87	1.995D 01	2.074D 04	2.826D 03	1.405D 03	2.325D-09	2.941D 00	-4.460D-01	3.864D 00	9.993D-01	9.816D-01	8.656D-07	
89	2.512D 01	2.153D 04	3.294D 03	1.641D 03	2.605D-09	3.060D 00	-1.384D-01	1.367D 00	9.993D-01	9.880D-01	2.511D-06	
91	3.162D 01	2.241D 04	3.861D 03	1.926D 03	2.930D-09	3.175D 00	-1.326D-01	3.842D-01	9.994D-01	9.923D-01	7.500D-06	
93	3.981D 01	2.336D 04	4.550D 03	2.271D 03	3.310D-09	3.295D 00	-5.400D-01	1.759D 00	9.994D-01	9.950D-01	2.220D-05	
95	5.012D 01	2.436D 04	5.385D 03	2.690D 03	3.754D-09	3.430D 00	-1.017D-01	2.727D 00	9.995D-01	9.967D-01	6.363D-05	
97	6.310D 01	2.541D 04	6.394D 03	3.195D 03	4.272D-09	3.582D 00	-5.494D-02	1.201D 00	9.995D-01	9.976D-01	1.740D-04	
99	7.943D 01	2.654D 04	7.611D 03	3.803D 03	4.868D-09	3.742D 00	-2.382D-01	9.574D-01	9.995D-01	9.977D-01	4.666D-04	

TEFF = 12000.0		LOG(G) = 2.50		X = 0.14300		Y = 0.85700			
-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	9.973D-02	1061.56	4.877D 07	2050.00	9.986D 07	3696.18	3.702D 07	4034.83	7.051D 07
546.43	7.840D-01	1086.41	7.347D 07	2127.72	9.465D 07	3697.15	3.440D 07	4078.38	6.708D 07
649.39	3.597D 01	1100.00	8.431D 07	2292.47	8.461D 07	3698.31	3.772D 07	4101.73	1.698D 07
900.11	1.403D 03	1112.26	9.273D 07	2484.88	7.454D 07	3700.50	4.059D 07	4141.06	6.540D 07
911.76	9.674D 03	1135.26	1.061D 03	2600.00	6.932D 07	3702.69	3.638D 07	4217.72	6.242D 07
911.76	9.665D 03	1161.33	1.153D 03	2600.00	6.932D 07	3703.99	3.175D 07	4297.27	5.877D 07
913.07	2.919D 04	1175.00	1.170D 08	2677.27	6.621D 07	3705.25	3.755D 07	4340.46	1.536D 07
915.54	3.855D 04	1181.83	1.157D 03	2837.09	6.012D 07	3707.91	4.242D 07	4422.28	5.418D 07
918.03	4.656D 04	1194.99	1.018D 08	3017.20	5.422D 07	3710.56	3.650D 07	4586.15	4.858D 07
919.35	4.947D 04	1208.45	1.804D 07	3121.75	5.111D 07	3711.97	2.911D 07	4762.63	4.323D 07
919.63	4.999D 04	1215.67	9.960D 05	3121.76	5.112D 07	3713.69	3.826D 07	4861.32	1.302D 07
920.16	5.062D 04	1216.42	1.001D 06	3169.76	4.979D 07	3716.95	4.539D 07	4892.89	3.933D 07
920.68	5.190D 04	1217.83	1.381D 06	3264.93	4.731D 07	3720.21	3.696D 07	4953.86	3.829D 07
920.96	5.235D 04	1219.25	2.355D 06	3365.99	4.485D 07	3721.94	2.626D 07	5016.38	3.686D 07
921.34	5.285D 04	1220.00	3.404D 06	3421.87	4.355D 07	3724.08	3.933D 07	5050.00	3.611D 07
922.06	5.349D 04	1223.41	2.382D 07	3421.87	4.358D 07	3728.14	4.970D 07	5123.58	3.453D 07
922.77	5.474D 04	1229.92	8.161D 07	3459.74	4.275D 07	3732.22	3.926D 07	5269.12	3.165D 07
923.15	5.532D 04	1236.50	1.097D 08	3530.87	4.113D 07	3734.37	2.461D 07	5423.16	2.891D 07
923.68	5.593D 04	1240.00	1.178D 08	3606.08	3.962D 07	3737.09	4.246D 07	5503.11	2.753D 07
924.69	5.757D 04	1249.96	1.302D 08	3647.05	3.880D 07	3742.24	5.522D 07	5665.32	2.519D 07
925.69	5.836D 04	1269.29	1.393D 08	3647.05	3.723D 07	3747.42	4.218D 07	5989.38	2.110D 07
926.22	5.901D 04	1289.23	1.433D 08	3649.67	3.719D 07	3750.15	2.325D 07	6352.76	1.746D 07
927.00	5.988D 04	1300.00	1.447D 09	3654.64	3.780D 07	3753.67	4.646D 07	6562.80	7.329D 06
928.48	6.315D 04	1316.23	1.460D 08	3659.62	3.951D 07	3760.36	6.166D 07	6797.77	1.402D 07
929.96	6.291D 04	1348.15	1.474D 08	3662.26	4.067D 07	3767.08	4.765D 07	7292.74	1.114D 07
930.75	6.372D 04	1381.65	1.476D 08	3665.27	4.196D 07	3770.53	2.244D 07	7865.45	8.677D 06
931.96	6.589D 04	1400.00	1.473D 08	3670.98	4.327D 07	3775.31	5.314D 07	8205.87	7.539D 06
934.26	7.316D 04	1419.35	1.467D 08	3676.71	4.221D 07	3784.22	6.801D 07	8205.87	7.894D 06
936.58	7.198D 04	1457.53	1.451D 08	3679.74	4.116D 07	3793.16	5.343D 07	8862.47	6.574D 06
937.80	7.188D 04	1497.83	1.428D 09	3680.27	4.120D 07	3797.90	2.154D 07	10449.64	3.725D 06
939.84	8.040D 04	1520.00	1.415D 08	3581.28	4.091D 07	3804.32	5.979D 07	12726.36	1.831D 06
943.74	9.732D 04	1545.12	1.397D 08	3682.28	4.011D 07	3816.55	7.316D 07	14380.00	1.172D 06
947.66	9.348D 04	1595.10	1.359D 08	3682.81	3.961D 07	3828.85	6.120D 07	15890.88	8.423D 05
949.74	8.448D 04	1648.41	1.316D 08	3683.50	4.000D 07	3835.38	2.066D 07	19843.04	3.558D 05
953.60	1.224D 05	1678.00	1.291D 08	3684.82	4.014D 07	3844.54	6.733D 07	26411.82	1.249D 05
961.00	2.301D 05	1723.39	1.252D 08	3686.13	3.898D 07	3862.03	7.562D 07	32000.00	5.968D 04
968.52	2.162D 05	1816.53	1.174D 08	3686.83	3.812D 07	3879.67	6.664D 07	34121.04	4.658D 04
972.54	1.150D 05	1920.32	1.093D 08	3687.64	3.903D 07	3889.05	1.933D 07	39024.59	2.768D 04
981.32	5.430D 05	1980.00	1.048D 08	3689.19	3.965D 07	3902.80	7.110D 07	45573.51	1.515D 04
998.42	4.200D 05	1991.74	1.040D 08	3690.73	3.775D 07	3929.14	7.480D 07	50000.00	1.055D 04
1016.12	3.008D 06	2014.39	1.024D 08	3691.55	3.621D 07	3955.84	6.991D 07	54724.75	7.415D 03
1025.72	2.019D 05	2037.56	1.007D 08	3692.52	3.810D 07	3970.07	1.808D 07	66666.67	3.423D 03
1037.82	1.017D 07	2050.00	9.986D 07	3694.35	3.977D 07	3992.20	7.098D 07	85275.25	1.301D 03

TEFF = 12000.0 LOG(G) = 3.00 X = 0.14300 Y = 0.85700

I	TAJ	TE	PG	PE	RHO	KAPZ	D F (%)	D TE	XH2	XHE2	XHE3
1	1.0000-03	8.0630	1.3720-04	4.2200-05	3.9970-16	6.3100-02	-5.0680-01	-3.4260	1.0000	7.3450-02	3.3380-22
3	1.0000-07	7.9870	1.6820-03	4.8330-04	5.0930-15	5.7260-02	-5.0680-01	-4.3370	9.9990-01	4.7990-03	8.8020-25
5	1.0000-06	7.9470	1.7440-02	4.9830-03	5.3170-14	5.6940-02	-5.0690-01	-4.3160	9.9890-01	3.8610-04	4.5680-27
7	1.0000-05	8.2220	1.7410-01	4.9600-03	5.1390-13	5.7650-02	-6.7750-01	-4.4640	9.9480-01	1.4030-04	2.5840-27
9	1.0000-04	8.7420	1.6480	4.6670-01	4.5860-12	5.3940-02	-1.1100	4.4840	9.9860-01	1.3680-04	3.0060-26
11	1.0000-03	8.9850	1.2330	3.3890	3.3740-11	1.0270-01	-1.2540	1.3520	9.9710-01	4.9560-05	1.1720-26
13	1.3590-03	8.9850	1.5620	4.2510	4.2930-11	1.1370-01	-1.2770	1.3600	9.9340-01	3.8960-05	7.1240-27
15	1.8480-03	8.9650	1.9640	5.2850	5.4230-11	1.2650-01	-1.2980	1.3640	9.9190-01	3.1300-05	4.5930-27
17	2.5120-03	8.9020	2.4550	6.5220	6.8020-11	1.4120-01	-1.2730	1.3680	9.9390-01	2.6070-05	3.2870-27
19	3.4150-03	9.0110	3.0480	8.0000	8.4650-11	1.5810-01	-1.2180	1.3730	8.8890-01	2.2860-05	2.7430-27
21	4.6420-03	9.0470	3.7670	9.7830	1.0460-10	1.7750-01	-1.1400	1.3820	8.7640-01	2.1400-05	2.7970-27
23	6.3100-03	9.1030	4.6350	1.1950	1.2820-10	2.0000-01	-1.0430	1.3940	8.6790-01	2.1620-05	3.6190-27
25	8.5770-03	9.1820	5.6740	1.4590	1.5580-10	2.2620-01	-9.5770-01	1.4090	8.6440-01	2.3650-05	5.9900-27
27	1.1560-02	9.2820	6.9190	1.7800	1.8790-10	2.5650-01	-8.6190-01	1.4250	8.6550-01	2.7670-05	1.2230-26
29	1.5350-02	9.3940	8.4080	2.1710	2.2530-10	2.9150-01	-7.9250-01	1.4410	8.5980-01	3.3900-05	2.8810-26
31	2.1540-02	9.5130	1.0180	2.6420	2.6880-10	3.3130-01	-6.2000-01	1.4540	8.7540-01	4.2380-05	7.1960-26
33	2.9290-02	9.6460	1.2290	3.2090	3.1950-10	3.7670-01	-4.1040-01	1.4570	8.8240-01	5.4340-05	1.9430-25
35	3.9310-02	9.7950	1.4820	3.8970	3.7820-10	4.2800-01	-3.5220-01	1.4500	8.9160-01	7.2800-05	6.0100-25
37	5.4120-02	9.9620	1.7820	4.7310	4.4590-10	4.8530-01	-3.3320-01	1.4360	9.0260-01	1.0210-04	2.1390-24
39	7.3560-02	1.0130	2.1430	5.7430	5.2440-10	5.4860-01	-1.13050-01	1.4070	9.1440-01	1.4920-04	8.6680-24
41	1.0000-01	1.0360	2.5750	6.9740	6.1480-10	6.1690-01	1.6010-01	1.4330	9.2740-01	2.3250-04	4.2800-23
43	1.2590-01	1.0540	2.9570	8.0680	6.9240-10	6.7190-01	3.3370-01	1.2340	9.3670-01	3.3090-04	1.5090-22
45	1.5850-01	1.0730	3.3990	9.3420	7.7910-10	7.2910-01	3.3290-01	1.1160	9.4610-01	4.8930-04	5.9940-22
47	1.9950-01	1.0950	3.9120	1.0830	8.7700-10	7.8880-01	2.4580-01	1.0050	9.5480-01	7.4100-04	2.5650-21
49	2.5120-01	1.1190	4.5120	1.2570	9.8720-10	8.4920-01	1.0830-01	9.1410	9.6310-01	1.1790-03	1.2810-20
51	3.1620-01	1.1440	5.2120	1.4610	1.1120-09	9.1220-01	6.8980-03	8.4890	9.7030-01	1.9020-03	6.6860-20
53	3.9810-01	1.1730	6.0380	1.7030	1.2530-09	9.7580-01	1.7190-02	8.0110	9.7670-01	3.2180-03	4.0560-19
55	5.0120-01	1.2040	7.0070	1.9880	1.4140-09	1.0450-01	2.4570-01	7.1420	9.8170-01	5.4180-03	2.4270-18
57	6.3100-01	1.2370	8.1450	2.3280	1.5960-09	1.1200-01	3.7090-01	5.7340	9.8580-01	9.2830-03	1.5400-17
59	7.9430-01	1.2720	9.4810	2.7350	1.7990-09	1.2040-01	2.4650-01	4.2680	9.8880-01	1.6000-02	1.0030-16
61	1.0000	1.3110	1.1040	3.2280	2.0220-09	1.3040-01	-2.4570-01	5.1320	9.9250-01	4.7530-02	4.4790-15
63	1.2590	1.3510	1.2840	3.8340	2.2610-09	1.4340-01	-4.2250-02	5.9860	9.9380-01	7.7210-02	2.5850-14
65	1.5850	1.3920	1.4880	4.5750	2.5110-09	1.6080-01	-4.2250-02	5.9860	9.9380-01	7.7210-02	2.5850-14
67	1.9950	1.4360	1.7130	5.4970	2.7490-09	1.8440-01	3.4440-01	4.8070	9.9490-01	1.2380-01	1.5040-13
69	2.5120	1.4840	1.9560	6.6480	2.9530-09	2.1700-01	4.7990-01	2.5880	9.9590-01	1.9360-01	8.6720-13
71	3.1620	1.5360	2.2110	8.0760	3.1000-09	2.6100-01	2.4960-01	3.4790-01	9.9670-01	2.9400-01	5.0730-12
73	3.9810	1.5920	2.4750	9.7610	3.1940-09	3.1150-01	-6.4420-01	1.3060	9.9750-01	4.2000-01	2.7840-11
75	5.0120	1.6500	2.7500	1.1620	3.2630-09	3.7340-01	-6.4480-01	4.6800	9.9800-01	5.5510-01	1.3590-10
77	6.3100	1.7090	3.0450	1.3580	3.3500-09	4.2550-01	-2.4930-01	5.1040	9.9830-01	6.7540-01	5.7480-10
79	7.9430	1.7770	3.3760	1.5650	3.4730-09	4.6800-01	-2.0440-01	3.5490	9.9840-01	7.7350-01	2.2300-09
81	1.0000	1.8370	3.7610	1.7930	3.6360-09	4.9980-01	-7.2790-03	2.1460	9.9850-01	8.5190-01	8.6390-09
83	1.2590	1.9110	4.2210	2.0500	3.8540-09	5.2130-01	-3.4500-01	2.3320	9.9860-01	9.0830-01	3.3630-08
85	1.5850	1.9850	4.7820	2.3480	4.1610-09	5.3970-01	-3.4750-02	3.3230	9.9870-01	9.4210-01	1.1400-07
87	1.9950	2.0590	5.4660	2.7010	4.5570-09	5.5950-01	-4.6120-01	2.1490	9.9880-01	9.6240-01	3.4690-07
89	2.5120	2.1360	6.2980	3.1250	5.0450-09	5.8170-01	-1.4280-01	1.6130	9.9890-01	9.7510-01	9.8820-07
91	3.1620	2.2210	7.3090	3.6370	5.6110-09	6.0080-01	-4.5010-01	2.5440	9.9900-01	9.8420-01	3.0060-06
93	3.9810	2.3140	8.5440	4.2580	6.2820-09	5.2130-01	-2.4700-01	1.2150	9.9910-01	9.8990-01	9.0060-06
95	5.0120	2.4140	1.0050	5.0120	7.0760-09	5.4420-01	-3.5410-01	1.8280	9.9920-01	9.9350-01	2.6140-05
97	6.3100	2.5160	1.1870	5.9250	8.0130-09	5.7180-01	-4.5490-01	2.5110	9.9930-01	9.9570-01	7.1190-05
99	7.9430	2.6230	1.4060	7.0230	9.1030-09	7.0210-01	-3.4610-01	4.4810-01	9.9930-01	9.9640-01	1.8660-04

TEFF = 12000.0 LOG(G) = 3.00 X = 0.14300 Y = 0.85700									
-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.2090-01	1061.56	3.1710 07	2050.00	1.0100 03	3696.18	3.8220 07	4034.83	7.1350 07
546.43	9.2720-01	1080.41	5.6500 07	2127.72	9.5500 07	3697.15	3.6880 07	4078.38	6.6800 07
649.38	4.1280 01	1100.00	6.8570 07	2292.47	8.5310 07	3698.31	3.8480 07	4101.73	1.7480 07
800.11	1.6320 03	1112.26	7.8520 07	2284.88	7.5030 07	3700.50	3.9800 07	4141.06	6.6090 07
911.76	1.0640 04	1135.26	9.4710 07	2600.00	6.9800 07	3702.69	3.7150 07	4217.72	6.3470 07
911.76	1.0620 04	1161.33	1.0530 08	2600.00	6.9800 07	3703.85	3.4650 07	4297.27	5.9490 07
913.07	2.9900 04	1175.00	1.0590 08	2677.27	6.6610 07	3705.25	3.7870 07	4340.46	1.5630 07
915.54	3.7440 04	1181.83	1.0310 08	2837.09	6.0490 07	3707.91	4.0670 07	4422.28	5.5020 07
918.03	4.2960 04	1194.99	8.0040 07	3017.20	5.4580 07	3710.56	3.6760 07	4586.15	4.9340 07
919.35	4.5520 04	1208.45	9.4150 06	3121.75	5.1470 07	3711.97	3.2230 07	4762.63	4.3830 07
920.15	4.6020 04	1215.67	8.8240 05	3121.76	5.1480 07	3713.69	3.8020 07	4861.32	1.3030 07
920.68	4.6840 04	1217.83	1.1440 06	3169.76	5.0140 07	3716.95	4.2460 07	4892.89	3.9480 07
920.96	4.7270 04	1219.25	1.7200 06	3264.93	4.7630 07	3720.21	3.6270 07	4953.86	3.8790 07
921.34	4.7730 04	1220.00	2.1610 06	3421.87	4.3830 07	3721.94	2.8660 07	5016.38	3.7360 07
922.06	4.8270 04	1223.41	8.7970 06	3421.87	4.3850 07	3724.08	3.8110 07	5050.00	3.6600 07
922.77	4.9190 04	1229.92	5.2620 07	3458.74	4.3010 07	3732.22	3.7380 07	5269.12	3.2040 07
923.15	4.9560 04	1236.50	8.9250 07	3530.87	4.1420 07	3734.37	2.6110 07	5423.16	2.9260 07
923.63	5.0080 04	1240.00	1.0150 08	3606.08	3.9850 07	3737.09	3.9970 07	5509.11	2.7860 07
924.69	5.1430 04	1249.96	1.2150 08	3647.05	3.9030 07	3742.24	5.0190 07	5665.32	2.5480 07
925.69	5.2130 04	1269.29	1.3690 08	3647.05	3.7480 07	3747.42	3.9120 07	5989.38	2.1330 07
926.22	5.2600 04	1283.23	1.4350 08	3649.67	3.7410 07	3750.15	2.3910 07	6352.76	1.7630 07
927.00	5.3260 04	1300.00	1.4570 08	3654.64	3.7800 07	3753.57	4.2620 07	6562.80	7.3150 06
928.43	5.5530 04	1316.23	1.4800 08	3659.62	3.8860 07	3760.36	5.6160 07	6797.77	1.4150 07
929.96	5.5780 04	1348.15	1.5050 08	3662.26	3.9660 07	3767.08	4.3270 07	7292.74	1.1240 07
930.75	5.5450 04	1381.05	1.5130 08	3665.27	4.0680 07	3770.63	2.2780 07	7865.45	8.7450 06
931.06	5.7980 04	1400.00	1.5120 08	3670.98	4.2370 07	3775.31	4.8030 07	8205.87	7.5940 06
934.26	6.3050 04	1419.35	1.5070 08	3676.71	4.2920 07	3784.22	6.2930 07	8205.87	7.9810 06
936.58	6.2770 04	1457.53	1.4920 08	3679.74	4.2610 07	3793.16	4.8230 07	8862.47	6.7450 06
937.30	6.5000 04	1497.83	1.4690 08	3680.27	4.2610 07	3797.90	2.1870 07	10448.64	3.7580 06
939.84	6.9120 04	1520.00	1.4540 08	3681.28	4.2430 07	3804.32	5.4270 07	12726.36	1.8440 06
943.74	8.1460 04	1545.12	1.4350 08	3682.28	4.2010 07	3816.55	6.9430 07	14380.00	1.1800 06
947.66	7.9050 04	1595.10	1.3940 08	3682.81	4.1740 07	3828.85	5.5780 07	15890.88	8.4810 05
949.74	7.3820 04	1648.41	1.3470 08	3683.50	4.1810 07	3835.38	2.1190 07	19843.04	3.6780 05
953.60	1.2050 05	1678.00	1.3200 08	3684.82	4.1680 07	3844.54	6.2550 07	26411.82	1.2550 05
961.00	2.0020 05	1723.39	1.2780 08	3686.13	4.0940 07	3852.03	7.3870 07	32000.00	5.9890 04
969.52	1.5220 05	1816.53	1.1950 08	3686.83	4.0450 07	3879.67	6.2090 07	34121.04	4.6720 04
972.54	1.0020 05	1920.32	1.1090 08	3687.64	4.0700 07	3889.05	2.0140 07	39024.39	2.7750 04
981.32	2.6460 05	1980.00	1.0620 08	3689.73	4.0660 07	3902.80	6.8210 07	45573.51	1.5160 04
984.42	1.3520 05	1991.74	1.0530 08	3690.73	3.9470 07	3929.14	7.4760 07	50000.00	1.0560 04
1016.12	8.9290 05	2014.39	1.0360 08	3691.55	3.8650 07	3955.84	6.7740 07	54724.75	7.4150 03
1025.72	1.7090 05	2037.56	1.0190 08	3692.52	3.9420 07	3970.07	1.8940 07	66666.67	3.4180 03
1037.82	3.1710 06	2050.00	1.0100 08	3694.35	3.9950 07	3992.20	7.0510 07	85275.25	1.2970 03

TEFF = 12000.0 LOG(G) = 3.50 X = 0.14300 Y = C.85700

I	TAJ	TE	PG	PF	RHO	KAPZ	D= (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	8.181D 03	4.770D-04	1.420D-04	1.390D-15	5.018D-02	-4.555D-01	-4.442D 02	1.000D 00	3.914D-02	1.700D-22
3	1.0000-07	8.245D 03	5.395D-03	1.550D-03	1.582D-14	5.730D-02	-4.555D-01	-4.477D 02	9.998D-01	4.963D-03	3.665D-24
5	1.0000-06	8.267D 03	5.520D-02	1.577D-02	1.618D-13	5.715D-02	-3.762D-01	-4.489D 02	9.985D-01	5.396D-04	4.808D-26
7	1.0000-05	8.387D 03	5.436D-01	1.542D-01	1.575D-12	5.935D-02	-7.533D-01	-1.557D 02	9.895D-01	9.411D-05	2.673D-27
9	1.0000-04	8.833D 03	4.728D 00	1.322D 00	1.308D-11	7.608D-02	-1.088D 00	9.333D 00	9.699D-01	9.956D-05	1.172D-26
11	1.0000-03	8.919D 03	2.900D 01	7.312D 00	8.172D-11	1.533D-01	-1.512D 00	1.210D 00	8.740D-01	1.713D-05	1.038D-27
13	1.359D-03	8.916D 03	3.597D 01	9.131D 00	1.021D-10	1.711D-01	-1.515D 00	1.211D 01	8.500D-01	1.390D-05	6.727D-28
15	1.848D-03	8.924D 03	4.443D 01	1.105D 01	1.269D-10	1.912D-01	-1.128D 00	1.215D 01	8.267D-01	1.185D-05	5.067D-28
17	2.512D-03	8.948D 03	5.479D 01	1.335D 01	1.568D-10	2.143D-01	-1.081D 00	1.224D 01	8.066D-01	1.078D-05	4.654D-28
19	3.415D-03	8.993D 03	6.712D 01	1.616D 01	1.923D-10	2.414D-01	-9.879D-01	1.231D 01	7.921D-01	1.056D-05	5.421D-28
21	4.642D-03	9.059D 03	8.203D 01	1.960D 01	2.338D-10	2.737D-01	-8.329D-01	1.242D 01	7.843D-01	1.118D-05	8.032D-28
23	6.310D-03	9.144D 03	9.987D 01	2.382D 01	2.822D-10	3.122D-01	-7.449D-01	1.253D 01	7.826D-01	1.262D-05	1.466D-27
25	8.577D-03	9.244D 03	1.210D 02	2.895D 01	3.378D-10	3.573D-01	-7.538D-01	1.264D 01	7.859D-01	1.496D-05	3.093D-27
27	1.166D-02	9.353D 03	1.460D 02	3.514D 01	4.023D-10	4.097D-01	-6.831D-01	1.276D 01	7.917D-01	1.819D-05	7.081D-27
29	1.585D-02	9.470D 03	1.757D 02	4.259D 01	4.770D-10	4.702D-01	-5.501D-01	1.285D 01	7.992D-01	2.253D-05	1.711D-26
31	2.154D-02	9.593D 03	2.108D 02	5.152D 01	5.633D-10	5.394D-01	-4.555D-01	1.290D 01	8.081D-01	2.834D-05	4.334D-26
33	2.929D-02	9.729D 03	2.523D 02	6.231D 01	6.627D-10	6.190D-01	-3.229D-01	1.287D 01	8.192D-01	3.668D-05	1.198D-25
35	3.981D-02	9.874D 03	3.015D 02	7.530D 01	7.771D-10	7.090D-01	-1.327D-01	1.269D 01	8.318D-01	4.857D-05	3.552D-25
37	5.412D-02	1.004D 04	3.596D 02	9.102D 01	9.080D-10	8.130D-01	-4.475D-02	1.233D 01	8.466D-01	6.678D-05	1.184D-24
39	7.356D-02	1.022D 04	4.286D 02	1.102D 02	1.057D-09	9.287D-01	-8.363D-02	1.189D 01	8.642D-01	9.744D-05	4.748D-24
41	1.000D-01	1.043D 04	5.107D 02	1.334D 02	1.227D-09	1.056D 00	-9.410D-02	1.148D 01	8.828D-01	1.486D-04	2.187D-23
43	1.259D-01	1.061D 04	5.827D 02	1.539D 02	1.371D-09	1.160D 00	1.142D-01	1.100D 01	8.968D-01	2.092D-04	7.427D-23
45	1.585D-01	1.080D 04	6.653D 02	1.779D 02	1.530D-09	1.267D 00	3.448D-01	1.011D 01	9.117D-01	3.100D-04	2.964D-22
47	1.995D-01	1.101D 04	7.606D 02	2.057D 02	1.703D-09	1.379D 00	5.942D-01	8.712D 00	9.252D-01	4.656D-04	1.231D-21
49	2.512D-01	1.125D 04	8.710D 02	2.379D 02	1.910D-09	1.494D 00	6.902D-01	6.886D 00	9.380D-01	7.235D-04	5.689D-21
51	3.162D-01	1.149D 04	9.993D 02	2.754D 02	2.138D-09	1.615D 00	7.060D-01	4.874D 00	9.489D-01	1.129D-03	2.660D-20
53	3.981D-01	1.176D 04	1.149D 03	3.174D 02	2.393D-09	1.737D 00	4.916D-01	3.083D 00	9.589D-01	1.836D-03	1.418D-19
55	5.012D-01	1.207D 04	1.325D 03	3.714D 02	2.680D-09	1.858D 00	1.063D-01	2.043D 00	9.680D-01	3.142D-03	8.869D-19
57	6.310D-01	1.242D 04	1.533D 03	4.331D 02	3.005D-09	1.983D 00	-4.257D-01	2.432D 00	9.756D-01	5.540D-03	6.106D-18
59	7.943D-01	1.278D 04	1.778D 03	5.067D 02	3.376D-09	2.118D 00	-5.568D-01	3.938D 00	9.808D-01	9.748D-03	4.195D-17
61	1.000D 00	1.315D 04	2.066D 03	5.943D 02	3.798D-09	2.282D 00	-5.432D-01	5.639D 00	9.843D-01	1.645D-02	2.548D-16
63	1.259D 00	1.351D 04	2.400D 03	6.980D 02	4.271D-09	2.485D 00	-1.128D-01	6.610D 00	9.869D-01	2.658D-02	1.367D-15
65	1.585D 00	1.394D 04	2.785D 03	8.282D 02	4.765D-09	2.727D 00	4.756D-01	5.315D 00	9.895D-01	4.524D-02	8.811D-15
67	1.995D 00	1.438D 04	3.223D 03	9.872D 02	5.276D-09	3.050D 00	4.311D-01	2.837D 00	9.916D-01	7.457D-02	5.295D-14
69	2.512D 00	1.486D 04	3.709D 03	1.187D 03	5.758D-09	3.491D 00	2.403D-01	9.031D-01	9.933D-01	1.219D-01	3.260D-13
71	3.162D 00	1.538D 04	4.235D 03	1.437D 03	6.174D-09	4.104D 00	-4.074D-02	-9.504D-02	9.946D-01	1.923D-01	1.932D-12
73	3.981D 00	1.587D 04	4.793D 03	1.729D 03	6.548D-09	4.871D 00	-6.355D-01	2.036D 00	9.956D-01	2.767D-01	9.026D-12
75	5.012D 00	1.643D 04	5.379D 03	2.083D 03	6.809D-09	5.838D 00	-4.433D-01	4.718D 00	9.964D-01	3.883D-01	4.388D-11
77	6.310D 00	1.701D 04	5.995D 03	2.481D 03	7.008D-09	6.896D 00	5.044D-01	3.728D 00	9.970D-01	5.120D-01	1.990D-10
79	7.943D 00	1.764D 04	6.659D 03	2.916D 03	7.201D-09	7.921D 00	1.114D-02	1.672D 00	9.972D-01	6.335D-01	8.496D-10
81	1.000D 00	1.829D 04	7.395D 03	3.383D 03	7.444D-09	8.814D 00	-2.111D-01	1.507D 00	9.974D-01	7.405D-01	3.357D-09
83	1.259D 01	1.904D 04	8.242D 03	3.901D 03	7.737D-09	9.490D 00	-5.277D-01	1.944D 00	9.977D-01	8.325D-01	1.407D-08
85	1.585D 01	1.977D 04	9.245D 03	4.465D 03	8.205D-09	9.990D 00	-2.208D-01	4.065D 00	9.979D-01	8.915D-01	4.939D-08
87	1.995D 01	2.057D 04	1.046D 04	5.113D 03	8.836D-09	1.040D 01	6.112D-01	1.455D 00	9.976D-01	9.296D-01	1.577D-07
89	2.512D 01	2.128D 04	1.192D 04	5.875D 03	9.641D-09	1.081D 01	-2.554D-01	1.777D 00	9.983D-01	9.538D-01	4.671D-07
91	3.162D 01	2.216D 04	1.371D 04	6.792D 03	1.059D-08	1.113D 01	4.943D-01	1.934D 00	9.985D-01	9.710D-01	1.473D-06
93	3.981D 01	2.307D 04	1.589D 04	7.899D 03	1.176D-08	1.150D 01	6.080D-01	1.517D 00	9.987D-01	9.814D-01	4.356D-06
95	5.012D 01	2.402D 04	9.240D 04	9.240D 03	1.315D-08	1.192D 01	4.560D-02	-7.014D-01	9.988D-01	9.879D-01	1.232D-05
97	6.310D 01	2.502D 04	2.178D 04	1.086D 04	1.480D-08	1.241D 01	-1.987D-01	1.128D 00	9.990D-01	9.920D-01	3.317D-05
99	7.943D 01	2.610D 04	2.568D 04	1.281D 04	1.672D-08	1.290D 01	1.124D-01	8.356D-01	9.990D-01	9.938D-01	8.904D-05

TREF = 12000.0 LOG(G) = 3.50 X = 0.14300 Y = 0.85700									
_AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.4310-01	1661.56	1.7420 07	2050.00	1.0300 08	3696.18	4.0310 07	4034.83	7.1680 07
546.43	1.0860 00	1086.41	3.9830 07	2127.72	9.7460 07	3697.15	3.9560 07	4078.38	6.5540 07
549.33	4.7660 01	1100.00	5.1690 07	2292.47	8.6690 07	3698.31	4.0170 07	4101.73	1.8050 07
800.11	6.1800 C3	1112.26	6.1970 07	2484.88	7.6290 07	3700.50	4.0040 07	4141.06	6.6270 07
911.76	1.1650 04	1136.26	7.9490 07	2600.00	7.0910 07	3702.69	3.8770 07	4217.72	6.4320 07
911.76	1.1620 04	1161.33	9.0130 07	2600.00	7.0910 07	3703.85	3.7470 07	4297.27	5.9860 07
913.07	2.9010 04	1175.00	8.9100 07	2677.27	6.7620 07	3705.25	3.9020 07	4340.46	1.6060 07
915.54	3.5740 04	1181.83	8.3680 07	2837.09	6.1360 07	3707.91	4.0320 07	4422.28	5.5700 07
918.03	4.1340 04	1194.99	5.3620 07	3017.20	5.5410 07	3710.56	3.7920 07	4586.15	4.9970 07
919.35	4.3230 04	1208.45	3.1740 06	3121.75	5.2230 07	3711.97	3.5470 07	4762.63	4.4310 07
919.63	4.3630 04	1215.57	7.9580 05	3121.76	5.2230 07	3713.69	3.8650 07	4861.32	1.3110 07
920.16	4.4110 C4	1216.42	7.9990 05	3169.76	5.0860 07	3716.95	4.1050 07	4892.89	3.9340 07
920.68	4.4730 C4	1217.83	9.7890 05	3264.93	4.8310 07	3720.21	3.6830 07	4953.86	3.9210 07
920.96	4.5000 C4	1219.25	1.3750 06	3365.99	4.5770 07	3721.94	3.2010 07	5016.38	3.7810 07
921.34	4.5340 04	1220.00	1.6510 06	3421.87	4.4440 07	3724.08	3.8190 07	5050.00	3.7050 07
922.06	4.5840 04	1223.41	4.0080 06	3421.87	4.4450 07	3728.14	4.2960 07	5123.58	3.5420 07
922.77	4.6540 04	1229.92	2.7290 07	3458.74	4.3590 07	3732.22	3.6910 07	5269.12	3.2440 07
923.15	4.6790 04	1236.50	6.2890 07	3530.87	4.1980 07	3734.37	2.8780 07	5423.16	2.9610 07
923.63	4.7130 04	1240.00	7.7230 07	3606.08	4.0390 07	3737.09	3.8930 07	5508.11	2.8180 07
924.69	4.7840 04	1249.96	1.0500 08	3647.95	3.9950 07	3742.24	4.6280 07	5665.32	2.5750 07
925.69	4.8510 04	1259.29	1.2870 08	3647.05	3.8010 07	3747.42	3.7420 07	5989.38	2.1540 07
926.22	4.9370 04	1289.23	1.3910 08	3649.67	3.7930 07	3750.15	2.5350 07	6352.76	1.7800 07
928.48	5.0300 C4	1300.00	1.4260 08	3654.64	3.8140 07	3753.67	4.0280 07	6562.80	7.2570 06
929.96	5.1310 04	1349.15	1.5070 08	3662.26	3.9320 07	3767.08	4.0210 07	7292.74	1.1340 07
930.75	5.1840 04	1381.65	1.5270 08	3665.27	4.0030 07	3770.63	2.3460 07	7865.45	8.8200 06
931.96	5.2660 04	1400.00	1.5300 08	3670.98	4.1460 07	3775.31	4.4190 07	8205.87	7.6570 06
934.26	5.5460 04	1419.35	1.5330 08	3676.71	4.2550 07	3784.22	5.7790 07	8205.87	8.0560 06
936.58	5.6110 04	1457.53	1.5240 08	3679.74	4.2840 07	3793.15	4.3950 07	8862.47	6.8070 06
937.80	5.6860 04	1497.83	1.5020 08	3680.27	4.2900 07	3797.90	2.2080 07	10448.64	3.7890 06
939.84	6.0290 04	1520.00	1.4870 08	3681.28	4.2930 07	3804.32	4.9340 07	12726.36	1.8580 06
943.74	6.9860 04	1545.12	1.4710 08	3682.28	4.2850 07	3816.55	6.4870 07	14380.00	1.1880 06
947.66	6.8220 04	1595.10	1.4390 08	3682.81	4.2790 07	3828.85	5.0700 07	15890.88	8.5390 05
949.74	6.6300 04	1648.41	1.3800 08	3683.50	4.2950 07	3835.38	2.1390 07	19843.04	3.7010 05
953.60	8.5030 04	1678.00	1.3510 08	3684.82	4.2830 07	3844.54	5.7500 07	26411.82	1.2610 05
968.52	1.2360 05	1723.39	1.3110 08	3686.13	4.2540 07	3862.03	7.0870 07	32000.00	6.0160 04
972.54	2.1640 05	1816.53	1.2210 08	3686.83	4.2320 07	3879.67	5.7200 07	34121.04	4.6910 04
981.32	5.6770 05	1920.32	1.1300 08	3687.64	4.2400 07	3889.05	2.0580 07	39024.39	2.7840 04
998.42	1016.12	1980.00	1.0830 08	3689.19	4.2300 07	3902.80	6.4260 07	45573.51	1.5200 04
1025.72	1.5880 05	1991.74	1.0740 08	3690.73	4.1630 07	3929.14	7.3770 07	50000.00	1.0580 04
		2014.39	1.0560 08	3691.55	4.1180 07	3955.84	6.4390 07	54724.75	7.4260 03
		2037.56	1.0390 08	3692.52	4.1420 07	3970.07	1.9580 07	66666.67	3.4180 03
		2050.00	1.0300 08	3694.35	4.1410 07	3992.20	6.8970 07	85275.25	1.2950 03

TEMP = 1200.0 LOG(G) = 4.00 X = 0.14300 Y = 0.85700

I	TAJ	TE	PG	PE	RHO	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-07	7.9940 03	1.7310-03	4.9730-04	5.2360-15	5.7270-02	-3.8670-01	-4.3610 02	9.9990-01	4.8410-03	9.3490-25
3	1.0000-08	3.0330 03	1.7520-02	5.0070-03	5.2840-14	5.6970-02	-3.8670-01	-4.3620 02	9.9910-01	5.7910-04	1.6360-26
5	1.0000-06	3.0320 03	1.7460-01	4.9600-02	5.2800-13	5.7560-02	-6.8410-01	-4.3620 02	9.9130-01	5.8180-05	1.6420-28
7	1.0000-05	8.4860 03	1.6500 00	4.6350-01	4.7460-12	6.4190-02	-7.8510-01	-3.5150 01	9.7570-01	4.7770-05	1.1090-27
9	1.0000-04	8.8440 03	1.2300 01	3.3330 00	3.4400-11	1.0330-01	-1.1300 00	8.3790 00	9.2920-01	2.8720-05	2.0900-27
11	1.0000-03	8.8230 03	6.4670 01	1.4770 01	1.9190-10	2.2380-01	1.6400 00	1.6400 00	1.3920-01	5.9830-06	8.2840-29
13	1.3590-03	3.8360 03	7.9820 01	1.7650 01	2.3870-10	2.4820-01	-1.4390 00	1.0300 01	7.0940-01	5.2610-06	6.7770-29
15	1.8480-03	8.3680 03	9.8320 01	2.1200 01	2.9510-10	3.1750-01	-1.1380 00	1.0410 01	6.8660-01	5.1060-06	9.3790-29
17	2.5120-03	3.6120 02	1.2070 02	2.5610 01	3.6150-10	3.1390-01	-1.2420 00	1.0530 01	6.7290-01	5.6730-06	1.6220-28
19	3.4150-03	9.0020 03	1.4730 02	3.1110 01	4.3810-10	3.5940-01	-9.3700-01	1.0680 01	6.6870-01	6.7510-06	8.4700-28
21	4.6420-03	9.1010 03	1.7880 02	3.1790 01	5.2510-10	4.1150-01	-5.7850-01	1.0770 01	6.7300-01	8.3480-06	3.4910-28
23	6.3100-03	3.2130 03	2.1580 02	4.6290 01	6.2430-10	4.8300-01	-4.1830-01	1.0830 01	6.8220-01	1.0260-05	2.0030-27
25	8.5770-03	9.3240 03	2.5900 02	5.6130 01	7.3930-10	5.5920-01	-5.2360-01	1.0880 01	6.9120-01	1.2620-05	4.7230-27
27	1.1660-02	9.4370 03	3.0980 02	6.6780 01	8.7000-10	6.4640-01	-5.1880-01	1.0940 01	7.0030-01	1.5820-05	1.1810-26
29	1.5950-02	9.5580 03	3.6940 02	8.1910 01	1.0210-09	7.4810-01	-3.8250-01	1.0920 01	7.2470-01	2.0120-05	3.0830-26
31	2.1540-02	9.6860 03	4.3930 02	9.8170 01	1.1930-09	8.6550-01	-2.7690-01	1.0920 01	7.3810-01	2.5730-05	8.1680-26
33	2.9290-02	9.3180 03	5.2160 02	1.1900 02	1.3910-09	1.0000 00	-1.3310-01	1.0700 01	7.8990-01	6.2120-05	2.3710-24
35	3.9810-02	9.9610 03	6.1830 02	1.4330 02	1.6180-09	1.1560 00	-1.5310-01	1.0580 01	8.1440-01	9.2190-05	1.0010-23
37	5.4120-02	1.0110 04	7.3190 02	1.7240 02	1.8770-09	1.3340 00	-1.5060-01	1.0220 01	8.3420-01	1.2860-04	3.3010-23
39	7.3560-02	1.0290 04	8.6550 02	2.0790 02	2.1690-09	1.5400 00	-2.4320-01	1.0070 01	8.9570-01	1.8660-04	1.2340-22
41	1.0000-01	1.0490 04	1.0230 03	2.8150 02	2.4950-09	1.7760 00	-1.3310-01	1.0540 00	9.3090-01	4.2690-04	2.2190-21
43	1.2590-01	1.0660 04	1.1590 03	2.9020 02	2.7650-09	1.9700 00	-1.5100-01	1.0780 01	9.4540-01	1.8680-03	3.5000-19
45	1.5850-01	1.0850 04	1.3140 03	3.3510 02	3.0600-09	2.1780 00	-2.4780-01	1.0780 01	9.7320-01	5.6040-03	5.6440-16
47	1.9950-01	1.1060 04	1.4900 03	3.8670 02	3.3840-09	2.3950 00	-4.0210-01	1.0720 00	9.7830-01	1.6270-02	2.5960-15
49	2.5120-01	1.1290 04	1.6930 03	4.4700 02	3.7440-09	2.6190 00	-3.4740-01	1.0720 00	9.8170-01	4.4370-02	1.8810-14
51	3.1620-01	1.1520 04	1.9270 03	5.1640 02	4.1470-09	2.8480 00	-3.4740-01	1.0720 00	9.8170-01	4.4370-02	1.8810-14
53	3.9810-01	1.1820 04	2.1980 03	5.9750 02	4.5960-09	3.0770 00	-2.9060-01	1.0720 00	9.8170-01	4.4370-02	1.8810-14
55	5.0120-01	1.2120 04	2.5160 03	6.9210 02	5.1040-09	3.3070 00	-2.9060-01	1.0720 00	9.8170-01	4.4370-02	1.8810-14
57	6.3100-01	1.2450 04	2.8880 03	8.0330 02	5.6810-09	3.5390 00	-2.9060-01	1.0720 00	9.8170-01	4.4370-02	1.8810-14
59	7.9430-01	1.2610 04	3.3280 03	9.3420 02	6.3400-09	3.7760 00	-3.4580-01	1.0720 00	9.8170-01	4.4370-02	1.8810-14
61	1.0000 00	1.3190 04	3.8460 03	1.0900 03	7.0930-09	4.0380 00	-3.4580-01	1.0720 00	9.8170-01	4.4370-02	1.8810-14
63	1.2590 00	1.3570 04	4.4540 03	1.2760 03	7.9490-09	4.3500 00	-3.4580-01	1.0720 00	9.8170-01	4.4370-02	1.8810-14
65	1.5850 00	1.3920 04	5.1600 03	1.4950 03	8.9320-09	4.7480 00	-3.4580-01	1.0720 00	9.8170-01	4.4370-02	1.8810-14
67	1.9950 00	1.4400 04	6.9040 03	2.1130 03	1.0920-08	5.7860 00	-6.5790-01	1.0720 00	9.8170-01	4.4370-02	1.8810-14
69	2.5120 00	1.4890 04	8.0040 03	2.5340 03	1.1920-08	6.6070 00	-4.3340-01	1.0720 00	9.8170-01	4.4370-02	1.8810-14
71	3.1620 00	1.5390 04	9.9390 03	2.5340 03	1.2910-08	7.6680 00	-4.3340-01	1.0720 00	9.8170-01	4.4370-02	1.8810-14
73	3.9810 00	1.5860 04	1.0280 04	3.0340 03	1.3750-08	8.6510 00	-4.3340-01	1.0720 00	9.8170-01	4.4370-02	1.8810-14
75	5.0120 00	1.6380 04	1.0280 04	3.6490 03	1.4670-08	9.6510 00	-4.3340-01	1.0720 00	9.8170-01	4.4370-02	1.8810-14
77	6.3100 00	1.7010 04	1.1560 04	4.4240 03	1.4240-08	1.0870 01	-7.1170-01	-7.0880-01	9.9500-01	3.6940-01	7.9520-11
79	7.9430 00	1.7640 04	1.2910 04	5.2810 03	1.4670-08	1.2810 01	-2.5720-02	-2.3940 00	9.9570-01	6.1230-01	1.5250-09
81	1.0000 01	1.8290 04	1.4360 04	6.2280 03	1.5080-08	1.4780 01	-4.4320-01	2.0500-01	9.9570-01	7.2570-01	6.1990-09
83	1.2590 01	1.9000 04	1.5960 04	7.2590 03	1.5540-08	1.6530 01	-3.9130-01	2.7670 00	9.9570-01	8.0670-01	2.0380-08
85	1.5850 01	1.9680 04	1.7800 04	8.3440 03	1.6300-08	1.7950 01	-5.9050-01	8.2590 00	9.9570-01	8.7580-01	2.3840-07
87	1.9950 01	2.0480 04	1.9950 04	9.5840 03	1.7180-08	1.8970 01	-1.4290-01	2.7090 00	9.9700-01	9.1900-01	2.3840-07
89	2.5120 01	2.1270 04	2.2540 04	1.0980 04	1.8430-08	1.9800 01	1.4290-01	-2.0540 00	9.9700-01	9.4710-01	7.1890-07
91	3.1620 01	2.2110 04	2.5680 04	1.2630 04	2.0030-08	2.0530 01	7.0220-02	-7.4000-01	9.9770-01	9.6620-01	2.1940-06
93	3.9810 01	2.3020 04	2.9500 04	1.4590 04	2.1970-08	2.1170 01	-8.0450-01	-5.4760-01	9.9800-01	9.9800-01	6.1230-06
95	5.0120 01	2.3960 04	3.4160 04	1.6690 04	2.4370-08	2.1940 01	-1.0170 00	7.6440 00	9.9830-01	9.7770-01	1.8050-05
97	6.3100 01	2.5020 04	3.9840 04	1.9830 04	2.7140-08	2.2580 01	1.0130 00	1.0230 00	9.9850-01	9.8570-01	4.7970-05
99	7.9430 01	2.5080 04	4.6760 04	2.3300 04	3.0520-08	2.3450 01	1.3470-01	8.7190-01	9.9860-01	9.8930-01	



TEFF = 12000.0 LOG(G) = 4.00 X = 0.14300 Y = 0.85700

-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.1987-01	1061.56	8.5537 06	2050.00	1.053D 03	3696.18	4.233D 07	4034.83	7.122D 07
546.43	9.3657-01	1085.41	2.555D 07	2127.72	9.945D 07	3697.15	4.196D 07	4078.38	6.333D 07
649.38	4.2357 01	1100.00	3.570D 07	2292.47	8.869D 07	3698.31	4.219D 07	4101.73	1.806D 07
800.11	1.6847 03	1112.26	4.5847 07	2444.88	7.799D 07	3700.50	4.215D 07	4141.06	6.570D 07
911.76	1.086D 04	1135.26	6.247D 07	2600.00	7.241D 07	3702.69	4.109D 07	4217.72	6.477D 07
911.76	1.091D 04	1161.33	7.250D 07	2600.00	7.241D 07	3703.85	4.036D 07	4297.27	5.976D 07
913.07	2.4937 04	1175.00	6.871D 07	2677.07	6.900D 07	3705.25	4.101D 07	4340.46	1.610D 07
915.54	3.0607 04	1181.83	6.163D 07	2837.09	6.268D 07	3707.91	4.138D 07	4422.28	5.620D 07
918.03	3.500D 04	1194.99	2.991D 07	3017.20	5.660D 07	3710.56	3.984D 07	4586.15	5.060D 07
919.35	3.5707 04	1208.43	2.217D 06	3121.75	5.334D 07	3711.97	3.851D 07	4762.63	4.474D 07
919.63	3.639D 04	1215.67	7.020D 05	3121.76	5.334D 07	3713.69	4.005D 07	4861.32	1.299D 07
920.16	3.737D 04	1216.42	7.053D 05	3169.76	5.194D 07	3716.95	4.109D 07	4892.89	3.880D 07
920.64	3.8087 04	1217.83	8.329D 05	3264.93	4.932D 07	3720.21	3.846D 07	4953.86	3.955D 07
920.96	3.9377 04	1219.25	1.156D 06	3365.99	4.671D 07	3721.94	3.568D 07	5016.38	3.821D 07
921.34	3.864D 04	1220.00	1.356D 06	3421.87	4.535D 07	3724.08	3.926D 07	5050.00	3.745D 07
922.06	3.9087 04	1223.41	2.668D 06	3421.87	4.535D 07	3728.14	4.182D 07	5123.58	3.580D 07
922.77	3.974D 04	1229.92	1.196D 07	3458.74	4.448D 07	3732.22	3.770D 07	5269.12	3.278D 07
923.15	4.006D 04	1236.50	3.628D 07	3530.87	4.283D 07	3734.37	3.241D 07	5423.16	2.992D 07
923.68	4.042D 04	1240.00	5.124D 07	3606.08	4.119D 07	3737.09	3.915D 07	5508.11	2.848D 07
924.69	4.109D 04	1249.96	8.311D 07	3647.05	4.033D 07	3742.24	4.373D 07	5665.32	2.604D 07
925.66	4.167D 04	1269.29	1.152D 08	3647.05	3.880D 07	3747.42	3.711D 07	5989.38	2.178D 07
926.22	4.221D 04	1289.23	1.312D 08	3649.67	3.871D 07	3750.15	2.793D 07	6352.76	1.797D 07
927.00	4.250D 04	1300.00	1.367D 09	3654.64	3.880D 07	3753.67	3.936D 07	6562.80	7.160D 06
928.43	4.324D 04	1316.23	1.427D 08	3659.62	3.920D 07	3760.36	4.746D 07	6797.77	1.442D 07
929.95	4.424D 04	1348.15	1.496D 08	3662.26	3.953D 07	3767.08	3.855D 07	7292.74	1.145D 07
930.75	4.469D 04	1381.05	1.533D 08	3665.27	3.998D 07	3770.63	2.485D 07	7865.45	8.906D 06
931.96	4.535D 04	1400.00	1.543D 08	3670.98	4.102D 07	3775.31	4.175D 07	8205.87	7.730D 06
934.26	4.697D 04	1419.35	1.544D 08	3676.71	4.202D 07	3784.22	5.300D 07	8205.87	8.125D 06
936.58	4.802D 04	1457.53	1.545D 08	3679.74	4.246D 07	3793.16	4.085D 07	8862.47	6.865D 06
937.80	4.8987 04	1497.83	1.530D 08	3680.27	4.254D 07	3797.90	2.232D 07	10448.64	3.820D 06
939.84	5.096D 04	1520.00	1.518D 08	3681.28	4.266D 07	3804.32	4.536D 07	12726.36	1.872D 06
943.74	5.366D 04	1545.12	1.497D 08	3682.28	4.274D 07	3816.55	5.939D 07	14380.00	1.197D 06
947.66	5.729D 04	1595.10	1.459D 08	3682.81	4.276D 07	3828.85	4.621D 07	15890.88	8.601D 05
949.74	5.708D 04	1648.41	1.413D 08	3683.50	4.286D 07	3835.38	2.114D 07	19843.04	3.727D 05
953.60	7.096D 04	1678.00	1.385D 08	3684.82	4.298D 07	3844.54	5.249D 07	26411.82	1.269D 05
961.00	1.035D 05	1723.39	1.338D 08	3686.13	4.298D 07	3862.03	6.695D 07	32000.00	6.052D 04
968.52	1.031D 05	1816.53	1.251D 08	3686.83	4.295D 07	3879.67	5.230D 07	34121.04	4.719D 04
972.54	7.575D 04	1920.32	1.159D 08	3687.64	4.305D 07	3889.05	2.026D 07	39024.39	2.800D 04
981.32	1.8567 05	1980.00	1.109D 08	3689.19	4.311D 07	3902.80	5.968D 07	45573.51	1.527D 04
988.42	3.677D 05	1991.74	1.099D 08	3690.73	4.290D 07	3929.14	7.170D 07	50000.00	1.062D 04
1016.12	3.757D 05	2014.39	1.091D 08	3691.55	4.275D 07	3955.85	6.022D 07	54724.75	7.449D 03
1025.72	1.375D 05	2037.56	1.063D 08	3692.52	4.287D 07	3970.07	1.947D 07	66666.67	3.423D 03
1037.82	6.954D 05	2050.00	1.053D 08	3694.35	4.287D 07	3992.20	6.643D 07	85275.25	1.294D 03

TEFF = 12000.0 LOG(G) = 4.50 X = 0.14300 Y = 0.85700											
I	TAJ	TE	PG	PE	RHO	KAPZ	D=(%)	D TE	XH2	XHE2	XHF3
1	1.0000-C8	8.3360 C3	5.3720-C3	1.5480-C3	1.5570-14	5.7510-02	-2.0900-C1	-4.5260 C2	9.9990-C1	7.4370-C3	1.3050-23
3	1.0000-C7	8.3000 C3	5.5180-C2	1.5770-02	1.6110-13	5.7160-02	-2.0910-C1	-4.5070 C2	9.9860-C1	6.2540-04	7.5320-26
5	1.0000-C6	8.3920 C3	5.4370-01	1.5430-01	1.5750-12	5.9350-02	-4.1960-01	-4.5560 C2	9.9860-C1	9.5770-C5	2.8240-27
7	1.0000-C5	8.6550 C3	4.7200 C0	1.3060 C0	1.3380-11	7.6500-02	-6.5990-01	-3.8280 C1	9.5550-C1	3.4370-05	1.2750-27
9	1.0000-C4	8.8370 C3	2.9080 C1	7.4040 C0	8.3220-11	1.5220-01	-8.3270-01	3.9990 C0	8.5350-C1	1.2580-C5	3.8870-28
11	1.0000-C3	8.7240 C3	1.4850 C2	2.6900 C1	4.7310-10	2.9580-01	-5.3460-01	5.9760 C0	5.5240-C1	2.2090-C6	7.2190-30
13	1.3590-C3	8.7670 C3	1.8470 C2	3.2410 C1	5.8950-10	3.3150-01	-4.2050-01	5.9700 C0	5.3150-C1	2.1830-C6	8.5840-30
15	1.8480-C3	8.8330 C3	2.2820 C2	3.9400 C1	7.2530-10	3.7870-C1	-3.2990-01	5.8140 C0	5.2130-C1	2.3370-C6	1.3240-29
17	2.5120-C3	8.9220 C3	2.7950 C2	4.8250 C1	8.7940-10	4.4020-01	-1.7900-01	5.8800 C0	5.2130-C1	2.6980-C6	2.6040-29
19	3.4150-C3	9.0300 C3	3.3880 C2	5.9290 C1	1.0500-09	5.1830-01	1.0280-01	5.8800 C0	5.2990-C1	3.3100-C6	6.2210-29
21	4.6420-C3	9.1470 C3	4.0700 C2	7.2660 C1	1.2400-09	6.1210-C1	3.0380-01	5.7780 C0	5.4290-C1	4.1800-C6	1.6200-28
23	6.3100-C3	9.2630 C3	4.8610 C2	8.8430 C1	1.4570-09	7.1930-01	2.3600-02	5.6650 C0	5.5550-C1	5.2360-C6	4.0820-28
25	8.5770-C3	9.3830 C3	5.7760 C2	1.0720 C2	1.7010-09	8.4390-01	-3.7480-01	5.6490 C0	5.6970-C1	6.6160-C6	1.0520-27
27	1.1660-C2	9.5010 C3	6.4380 C2	1.2930 C2	1.9800-09	9.8490-01	-3.5150-01	5.7100 C0	5.8270-C1	8.2620-C6	2.5960-27
29	1.5850-C2	9.6200 C3	8.0770 C2	1.5550 C2	2.3010-09	1.1460 C0	-1.1240-01	5.6710 C0	5.9540-C1	1.0280-C5	6.3080-27
31	2.1540-C2	9.7400 C3	9.5220 C2	1.5630 C2	2.6880-09	1.3310 C0	7.5920-02	5.5350 C0	6.0780-C1	1.2740-C5	1.5090-26
33	2.9290-C2	9.8740 C3	1.1210 C3	2.2410 C2	3.0830-09	1.5530 C0	2.3770-01	5.2370 C0	6.2420-C1	1.6310-C5	4.0060-26
35	3.9810-C2	1.0010 C4	1.3180 C3	2.6910 C2	3.5590-09	1.8080 C0	2.7910-01	4.7930 C0	6.4070-C1	2.0910-C5	1.0650-25
37	5.4120-C2	1.0170 C4	1.5480 C3	3.2400 C2	4.0350-09	2.1120 C0	1.0270-01	4.4000 C0	6.6130-C1	2.7780-C5	3.1730-25
39	7.3560-C2	1.0340 C4	1.8140 C3	3.9140 C2	4.6690-09	2.4750 C0	-8.2440-02	4.1890 C0	6.8710-C1	3.8710-C5	1.1000-24
41	1.0000-C1	1.0550 C4	2.1230 C3	4.7450 C2	5.3040-09	2.9060 C0	1.3610-01	3.9490 C0	7.1900-C1	5.7370-C5	4.6330-24
43	1.2590-C1	1.0720 C4	2.3860 C3	5.4840 C2	5.8170-09	3.2690 C0	3.0060-01	3.4310 C0	7.4550-C1	7.9680-C5	1.5110-23
45	1.5850-C1	1.0910 C4	2.6810 C3	6.3990 C2	6.3680-09	3.6670 C0	4.4190-01	2.6230 C0	7.7350-C1	1.1420-C4	5.4260-23
47	1.9950-C1	1.1110 C4	3.0120 C3	7.3230 C2	6.9610-09	4.0920 C0	5.9180-01	1.4430 C0	8.0210-C1	1.6830-C4	2.1260-22
49	2.5120-C1	1.1340 C4	3.3870 C3	8.4530 C2	7.6070-09	4.5360 C0	3.7820-01	4.1470-01	8.3040-C1	2.5500-C4	9.0490-22
51	3.1620-C1	1.1580 C4	3.8150 C3	9.7530 C2	8.3160-09	4.9930 C0	3.3020-01	-3.5360-01	8.5760-C1	3.9780-C4	4.2110-21
53	3.9810-C1	1.1860 C4	4.3050 C3	1.1260 C3	9.0960-09	5.4540 C0	3.1060-01	-1.0820 C0	8.8360-C1	6.4760-C4	2.2300-20
55	5.0120-C1	1.2160 C4	4.8730 C3	1.2990 C3	9.9710-09	5.9090 C0	3.0210-01	-1.8560 C0	9.0670-C1	1.0810-C3	1.2800-19
57	6.3100-C1	1.2490 C4	5.5350 C3	1.5920 C3	1.0950-08	6.3510 C0	-2.1170-01	-1.9390 C0	9.2720-C1	1.8740-C3	8.2570-19
59	7.9430-C1	1.2860 C4	6.3150 C3	1.7370 C3	1.2380-08	6.7660 C0	-6.0190-01	-3.9110-01	9.4300-C1	3.3420-C3	5.8030-18
61	1.0000 C0	1.3240 C4	7.2380 C3	2.0150 C3	1.3380-08	7.2100 C0	-6.0970-01	1.7590 C0	9.5480-C1	5.8550-C3	3.8730-17
63	1.2590 C0	1.3620 C4	8.3260 C3	2.3430 C3	1.4910-08	7.7340 C0	5.3170-02	2.7470 C0	9.6340-C1	9.7780-C3	2.2390-16
65	1.5850 C0	1.3970 C4	9.5930 C3	2.7260 C3	1.6880-08	8.3830 C0	7.5680-01	1.6870 C0	9.6930-C1	1.5030-C2	1.0040-15
67	1.9950 C0	1.4420 C4	1.1070 C4	3.1970 C4	1.8520-08	9.0520 C0	7.9560-01	-2.0190 C0	9.7590-C1	2.5910-02	6.5260-15
69	2.5120 C0	1.4910 C4	1.2780 C4	3.7780 C4	2.0490-08	9.8380 C0	2.2460-01	-4.7760 C0	9.8120-01	4.4760-C2	4.3680-14
71	3.1620 C0	1.5420 C4	1.4740 C4	4.4980 C4	2.2520-08	1.1010 C1	-4.2290-01	-4.7550 C0	9.8530-C1	7.4930-C2	2.7390-13
73	3.9810 C0	1.5920 C4	1.6920 C4	5.3680 C4	2.4630-08	1.2520 C1	-9.9480-01	-7.6950-C1	9.8810-C1	1.1530-01	1.3600-12
75	5.0120 C0	1.6420 C4	1.9320 C4	6.4200 C4	2.6660-08	1.4480 C1	-1.8750-01	3.3340 C0	9.9020-C1	1.6900-C1	6.0380-12
77	6.3100 C0	1.6970 C4	2.1900 C4	7.7150 C4	2.8360-08	1.7000 C1	9.3680-01	3.8520-01	9.9170-C1	2.4480-C1	2.7930-11
79	7.9430 C0	1.7560 C4	2.4670 C4	9.2500 C4	2.9730-08	2.0050 C1	4.3290-01	-3.1900 C0	9.9230-C1	3.3820-01	1.2130-10
81	1.0000 C1	1.8230 C4	2.7590 C4	1.1080 C4	3.0730-08	2.3700 C1	-6.2760-02	-4.1020 C0	9.9290-C1	4.5680-01	5.5870-10
83	1.2590 C1	1.8960 C4	3.0750 C4	1.3170 C4	3.1460-08	2.7520 C1	-5.0510-01	-3.2990 C0	9.9370-C1	5.8630-C1	2.5320-09
85	1.5850 C1	1.9670 C4	3.4220 C4	1.5370 C4	3.2520-08	3.0500 C1	-4.6020-01	1.2140 C0	9.9440-C1	6.9530-C1	9.4240-09
87	1.9950 C1	2.0440 C4	3.8160 C4	1.7770 C4	3.3840-08	3.3700 C1	6.3250-01	-7.6230-C1	9.9510-C1	7.8900-01	3.4270-08
89	2.5120 C1	2.1220 C4	4.2770 C4	2.0400 C4	3.5760-08	3.5990 C1	6.5480-02	-1.7920 C0	9.9580-C1	8.5610-C1	1.1070-07
91	3.1620 C1	2.2090 C4	4.8280 C4	2.3420 C4	3.8190-08	3.7520 C1	2.0390-01	-8.5030-C1	9.9640-C1	9.0600-01	1.6010-07
93	3.9810 C1	2.3030 C4	5.4960 C4	2.6960 C4	4.1260-08	3.8730 C1	-4.0000-01	-2.1790 C0	9.9700-C1	9.4020-01	1.1590-06
95	5.0120 C1	2.4020 C4	6.3130 C4	3.1180 C4	4.5130-08	3.9870 C1	-1.3360-01	-1.7330 C0	9.9750-C1	9.6180-C1	3.5470-06
97	6.3100 C1	2.5060 C4	7.3120 C4	3.6270 C4	4.9900-08	4.1120 C1	5.2740-02	-2.6350 C0	9.9790-01	9.7520-01	1.0170-05
99	7.9430 C1	2.6140 C4	8.5280 C4	4.2390 C4	5.5670-08	4.2490 C1	3.1780-01	-2.2170 C0	9.9860-C1	9.8190-01	2.7740-05

TFFF = 12000.0		LOG(G) = 4.50		X = 0.14300		Y = 0.85700			
_AM	= LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.424D-01	1061.56	3.806D 06	2050.00	1.085D 08	3696.13	4.313D 07	4034.83	7.039D 07
546.43	1.111D 00	1085.41	1.431D 07	2127.72	1.024D 03	3697.15	4.303D 07	4078.38	6.021D 07
649.38	5.037D 01	1100.00	2.275D 07	2292.47	9.120D 07	3698.31	4.315D 07	4101.73	1.847D 07
900.11	1.989D C3	1112.26	3.068D 07	2488.88	8.011D 07	3700.50	4.318D 07	4141.06	6.460D 07
911.76	1.303D C4	1135.26	4.507D 07	2600.00	7.435D 07	3702.69	4.271D 07	4217.72	6.523D 07
911.76	1.266D 04	1161.33	5.199D 07	2600.00	7.435D 07	3703.85	4.238D 07	4297.27	5.927D 07
913.07	2.498D 04	1175.00	4.667D 07	2677.27	7.082D 07	3705.25	4.267D 07	4340.46	1.673D 07
915.54	2.955D 04	1181.83	3.874D 07	2837.09	5.425D 07	3707.91	4.277D 07	4422.28	5.666D 07
918.03	3.289D 04	1194.99	1.362D 07	3017.20	5.798D 07	3710.56	4.190D 07	4586.15	5.123D 07
919.35	3.394D 04	1208.45	1.702D 06	3121.75	5.460D 07	3711.97	4.121D 07	4762.63	4.508D 07
919.63	3.408D 04	1215.57	5.995D 05	3121.76	5.460D 07	3713.69	4.187D 07	4861.32	1.341D 07
920.16	3.435D 04	1216.42	6.025D 05	3169.76	5.315D 07	3716.95	4.220D 07	4892.89	3.790D 07
920.68	3.466D 04	1217.83	5.795D 05	3264.93	5.043D 07	3720.21	4.059D 07	4953.86	3.985D 07
920.90	3.473D 04	1219.25	9.336D 05	3365.99	4.774D 07	3721.94	3.906D 07	5016.38	3.864D 07
921.34	3.485D 04	1220.00	1.102D 06	3421.87	4.633D 07	3724.08	4.086D 07	5050.00	3.789D 07
922.06	3.519D C4	1223.41	2.020D 06	3421.87	4.633D 07	3728.14	4.200D 07	5123.58	3.625D 07
922.77	3.529D 04	1229.92	5.742D 06	3453.74	4.542D 07	3732.22	3.933D 07	5269.12	3.320D 07
923.15	3.543D C4	1236.50	1.802D 07	3530.87	4.371D 07	3734.37	3.624D 07	5423.16	3.030D 07
923.68	3.564D 04	1240.00	2.796D 07	3600.08	4.202D 07	3737.09	4.016D 07	5508.11	2.884D 07
924.69	3.548D 04	1249.96	5.740D 07	3647.05	4.113D 07	3742.24	4.254D 07	5665.32	2.636D 07
925.69	3.605D C4	1269.29	9.632D 07	3647.05	3.959D 07	3747.42	3.783D 07	5989.38	2.204D 07
926.22	3.618D 04	1289.23	1.173D 08	3649.67	3.950D 07	3750.15	3.158D 07	6352.76	1.816D 07
927.00	3.650D 04	1300.00	1.249D 08	3654.64	3.950D 07	3753.67	3.950D 07	6562.80	7.673D 06
928.48	3.609D 04	1316.23	1.336D 08	3659.62	3.973D 07	3760.36	4.494D 07	6797.77	1.457D 07
929.96	3.775D 04	1348.15	1.443D 08	3662.26	3.993D 07	3767.08	3.799D 07	7292.74	1.157D 07
930.75	3.807D 04	1381.65	1.506D 08	3665.27	4.022D 07	3770.63	2.747D 07	7865.45	8.996D 06
931.96	3.900D 04	1400.00	1.527D 08	3670.98	4.091D 07	3775.31	4.058D 07	8205.87	7.807D 06
934.26	3.920D 04	1419.35	1.542D 08	3676.71	4.168D 07	3784.22	4.899D 07	8205.87	8.199D 05
936.58	3.977D 04	1457.53	1.554D 08	3679.74	4.206D 07	3793.15	3.890D 07	8862.47	6.926D 06
937.80	4.093D 04	1497.83	1.550D 08	3680.27	4.213D 07	3797.90	2.337D 07	10448.64	3.853D 06
943.74	4.664D 04	1545.12	1.523D 08	3682.28	4.236D 07	3804.32	4.258D 07	12726.36	1.887D 06
947.66	4.592D 04	1595.10	1.492D 08	3682.81	4.241D 07	3816.55	5.526D 07	15890.88	8.662D 05
949.74	4.763D 04	1648.41	1.449D 08	3683.50	4.250D 07	3828.85	4.275D 07	19843.04	3.750D 05
953.60	5.603D 04	1678.00	1.421D 08	3684.82	4.265D 07	3835.38	2.127D 07	26411.82	1.277D 05
961.00	8.329D 04	1723.39	1.375D 08	3686.82	4.274D 07	3844.54	4.813D 07	32000.00	6.082D 04
968.52	8.132D 04	1816.53	1.287D 08	3686.83	4.279D 07	3856.03	6.258D 07	34121.04	4.742D 04
972.54	6.239D 04	1920.32	1.193D 08	3687.64	4.289D 07	3879.67	4.777D 07	39024.39	2.811D 04
981.32	1.512D 05	1980.00	1.142D 08	3689.19	4.302D 07	3889.05	1.996D 07	45573.51	1.532D 04
998.42	3.538D 05	1991.74	1.132D 08	3690.73	4.305D 07	3902.80	5.493D 07	50000.00	1.065D 04
1016.12	2.998D 05	2014.39	1.113D 08	3691.55	4.305D 07	3955.84	5.575D 07	54724.75	7.466D 03
1025.72	1.156D 05	2037.56	1.095D 08	3692.52	4.316D 07	3970.07	1.938D 07	66666.67	3.425D 03
1037.82	5.069D 05	2050.00	1.085D 08	3694.35	4.327D 07	3992.20	6.297D 07	85275.25	1.291D 03

TEFF = 12000.0 LOG(G) = 2.50 X = 0.6667 Y = 0.3333

I	TAJ	TE	PG	PF	RHO	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	7.8680-03	1.1190-05	5.3350-06	1.2530-17	2.7160-01	-9.4980-02	3.6650-02	1.0000-00	1.9750-01	9.6490-22
3	1.0000-07	8.2340-03	1.1360-04	5.3880-05	1.1720-15	2.6900-01	-9.4980-02	-4.0640-02	1.0000-00	1.2030-01	2.3040-21
5	1.0000-06	8.2040-03	1.1500-03	5.4160-04	1.1990-15	2.6540-01	-9.4980-02	-3.4890-02	1.0000-00	1.1740-02	1.6760-23
7	1.0000-05	7.8460-03	1.1520-02	5.4180-03	1.2570-14	2.6530-01	-9.4980-02	3.6650-02	1.0000-00	2.1740-04	8.2920-28
9	1.0000-04	8.5090-03	1.1430-01	5.3730-02	1.1510-13	2.6910-01	-9.4940-02	1.7330-01	1.0000-00	4.5510-04	1.1280-25
11	1.0000-03	8.0020-03	1.1770-00	5.0460-01	1.0270-12	2.9810-01	-9.4940-02	8.1080-01	1.0000-00	3.4990-04	6.1820-25
13	1.3590-03	9.0000-03	1.4340-00	6.7120-01	1.3690-12	3.0380-01	-9.4940-02	7.4050-01	1.0000-00	2.6970-04	3.7770-25
15	1.3480-03	9.0160-03	1.9000-00	8.8740-01	1.8140-12	3.2260-01	-9.4940-02	7.2820-01	1.0000-00	2.0950-04	2.3470-25
17	2.3120-03	9.0250-03	2.4990-00	1.1650-00	3.3890-12	3.4020-01	-1.0060-01	6.9220-01	1.0000-00	1.6510-04	1.5150-25
19	3.4150-03	9.0370-03	3.2620-00	1.5170-00	3.1210-12	3.6200-01	-1.0060-01	6.4000-01	1.0000-00	1.3310-04	1.0390-25
21	4.6420-03	9.0550-03	4.2240-00	1.9590-00	4.0430-12	3.8890-01	-1.0450-01	5.6740-01	1.0000-00	1.1020-04	7.6790-26
23	6.3100-03	9.0800-03	5.4230-00	2.5070-00	5.1900-12	4.2130-01	-9.5480-02	4.7270-01	1.0000-00	9.4430-05	6.2560-26
25	8.5770-03	9.1150-03	6.8990-00	3.1800-00	6.5950-12	4.5980-01	-8.9330-02	3.5740-01	1.0000-00	8.4840-05	5.8480-26
27	1.1660-02	9.1650-03	8.7040-00	4.0010-00	8.2930-12	5.0470-01	-9.1260-02	2.3290-01	1.0000-00	8.1130-05	6.5850-26
29	1.5850-02	9.2350-03	1.0900-01	5.0900-00	1.0320-11	5.5620-01	-9.9250-02	1.1230-01	1.0000-00	8.3800-05	9.3550-26
31	2.1540-02	9.3290-03	1.3540-01	6.2110-00	1.2700-11	6.1430-01	-9.9210-02	1.1910-02	1.0000-00	9.4380-05	1.7300-25
33	2.9290-02	9.4440-03	1.6740-01	7.6930-00	1.5490-11	6.7890-01	-9.9230-02	-5.3440-02	1.0000-00	1.1580-04	4.1620-25
35	3.9810-02	9.5910-03	2.0590-01	9.4710-00	1.8740-11	7.5030-01	-1.0430-01	-9.0730-02	1.0000-00	1.5310-04	1.2550-24
37	5.4120-02	9.7560-03	2.5260-01	1.1650-01	2.2560-11	8.2850-01	-8.1120-02	-1.1760-01	1.0000-00	2.1490-04	4.5600-24
39	7.3560-02	9.9460-03	3.0930-01	1.4300-01	2.7020-11	9.1290-01	-4.7380-02	-1.4940-01	1.0000-00	3.2080-04	1.9980-23
41	1.0000-01	1.0160-04	3.7810-01	1.7530-01	3.2250-11	1.0030-00	-7.7250-02	-1.5900-01	1.0000-00	5.0810-04	1.0510-22
43	1.2590-01	1.0350-04	4.3980-01	2.0440-01	3.6770-11	1.0720-00	-9.1190-02	-9.9200-02	1.0000-00	7.5340-04	4.2510-22
45	1.5850-01	1.0550-04	5.1190-01	2.3840-01	4.1910-11	1.1450-00	-6.4100-02	-8.1260-02	1.0000-00	1.1450-03	1.8560-21
47	1.9950-01	1.0770-04	5.9670-01	2.7840-01	4.7750-11	1.2200-00	-1.2780-02	-1.6310-02	1.0000-00	1.8160-03	9.2670-21
49	2.5120-01	1.1120-04	6.9840-01	3.2550-01	5.4410-11	1.2970-00	4.7430-02	6.7780-03	1.0000-00	2.9440-03	4.9560-20
51	3.1620-01	1.1290-04	8.1460-01	3.9140-01	6.2030-11	1.3750-00	9.4010-02	7.7680-02	1.0000-00	4.9600-03	2.9950-19
53	3.9810-01	1.1580-04	9.5500-01	4.4770-01	7.0820-11	1.4570-00	9.3580-02	1.1250-01	1.0000-00	8.4390-03	1.8740-18
55	5.0120-01	1.1890-04	1.1220-02	5.2690-01	8.0920-11	1.5430-00	1.1740-01	2.4380-01	1.0000-00	1.4620-02	1.2460-17
57	6.3100-01	1.2230-04	1.3210-02	6.2130-01	9.2540-11	1.6350-00	1.0100-01	5.6390-02	1.0000-00	2.5420-02	8.4850-17
59	7.9430-01	1.2600-04	1.5000-02	7.3490-01	1.0580-10	1.7300-00	-6.4890-02	-2.9100-01	1.0000-00	4.5150-02	6.2930-16
61	1.0000-00	1.2990-04	1.8440-02	8.7080-01	1.2110-10	1.8360-00	-1.4830-01	-6.8930-01	1.0000-00	7.8280-02	4.4660-15
63	1.2590-00	1.3410-04	2.1820-02	1.0350-02	1.3830-10	1.9520-00	-1.1750-01	-2.4270-01	1.0000-00	1.3430-01	3.2500-14
65	1.5850-00	1.3840-04	2.5830-02	1.2310-02	1.5780-10	2.0890-00	-1.1580-01	9.0150-01	1.0000-00	2.1510-01	2.0570-13
67	1.9950-00	1.4300-04	3.0550-02	1.4670-02	1.7950-10	2.2440-00	1.3270-01	1.1350-00	1.0000-00	3.2550-01	1.2210-12
69	2.5120-00	1.4790-04	3.6070-02	1.7460-02	2.0340-10	2.4140-00	2.5110-01	2.2930-01	1.0000-00	4.5740-01	6.5930-12
71	3.1620-00	1.5310-04	4.2570-02	2.0790-02	2.2990-10	2.5870-00	-2.7410-01	-1.0090-00	1.0000-00	6.0010-01	3.4430-11
73	3.9810-00	1.5860-04	5.0240-02	2.4720-02	2.6010-10	2.7660-00	1.2030-01	-6.9980-02	1.0000-00	7.2450-01	1.5940-10
75	5.0120-00	1.6410-04	5.9320-02	2.9340-02	3.3600-10	2.9560-00	3.8800-01	5.6390-01	1.0000-00	8.1460-01	6.2010-10
77	6.3100-00	1.6970-04	7.0060-02	3.4780-02	3.3600-10	3.1510-00	-9.1390-02	5.6390-01	1.0000-00	8.7640-01	2.2090-09
79	7.9430-00	1.7580-04	8.2860-02	4.1230-02	3.8270-10	3.3410-00	-2.4170-01	1.0090-00	1.0000-00	9.1770-01	7.7310-09
81	1.0000-01	1.8230-04	9.8120-02	4.8900-02	4.3650-10	3.5370-00	2.0360-01	1.7870-01	1.0000-00	9.4600-01	2.6140-08
83	1.2590-01	1.8910-04	1.1630-03	5.8040-02	4.9830-10	3.7400-00	-3.7370-02	-1.0620-00	1.0000-00	9.9940-01	8.6320-08
85	1.5850-01	1.9610-04	1.3810-03	6.8950-02	5.6990-10	3.9640-00	-8.3510-02	1.4050-01	1.0000-00	9.7710-01	2.6580-07
87	1.9950-01	2.0340-04	1.6400-03	8.1920-02	6.5240-10	4.2060-00	2.7550-01	-1.1570-01	1.0000-00	9.8480-01	7.7850-07
89	2.5120-01	2.1090-04	1.9480-03	9.7310-02	7.4700-10	4.4690-00	-7.4960-02	2.6980-01	1.0000-00	9.8990-01	2.1760-06
91	3.1620-01	2.1920-04	2.3130-03	1.1560-03	8.5320-10	4.7170-00	1.2850-01	5.2010-01	1.0000-00	9.9330-01	6.3390-06
93	3.9810-01	2.2620-04	2.7480-03	1.3740-03	9.7390-10	4.9740-00	-1.2080-01	-2.1220-01	1.0000-00	9.9960-01	1.8300-05
95	5.0120-01	2.3770-04	3.2680-03	1.6330-03	1.1110-09	5.2370-00	-5.7420-02	2.3570-01	1.0000-00	9.9710-01	5.1730-05
97	6.3100-01	2.4790-04	3.8370-03	1.9430-03	1.2670-09	5.5080-00	6.1370-02	-2.3700-01	1.0000-00	9.9800-01	1.4400-04
99	7.9430-01	2.5670-04	4.6260-03	2.3120-03	1.4450-09	5.7890-00	2.9180-01	-1.1150-01	1.0000-00	9.9820-01	3.9130-04

TIME = 12000.0 LOG(G) = 2.50 X = 0.66667 Y = 0.33333

	F LAM	LAM	ε LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.25	1.2875-01	1061.56	6.427D 07	2950.00	9.922D 07	3696.18	3.668D 07	4034.83	6.734D 07
546.43	9.793D-01	1086.41	8.768D 07	2127.72	9.405D 07	3697.15	3.668D 07	4078.38	6.474D 07
649.39	4.363D 01	1100.00	9.751D 07	2292.47	8.415D 07	3698.31	3.766D 07	4101.73	2.980D 07
920.11	1.709D 03	1112.26	1.051D 03	2484.88	7.421D 07	3700.50	4.253D 07	4141.06	6.265D 07
911.75	1.097D 04	1136.26	1.170D 08	2600.00	6.905D 07	3702.69	3.631D 07	4217.72	5.970D 07
911.75	1.096D 04	1161.33	1.254D 08	2600.00	6.905D 07	3703.85	3.550D 07	4297.27	5.646D 07
913.67	3.683D 04	1175.00	1.274D 08	2677.27	6.589D 07	3705.25	3.797D 07	4340.46	2.728D 07
915.54	4.517D 04	1181.83	1.269D 08	2837.09	5.991D 07	3707.91	4.542D 07	4422.28	5.208D 07
918.35	5.027D 04	1194.99	1.181D 08	3017.20	5.406D 07	3710.55	3.736D 07	4586.15	4.685D 07
919.35	5.233D 04	1208.45	3.942D 07	3121.76	5.098D 07	3711.97	3.458D 07	4762.63	4.186D 07
920.63	5.273D 04	1215.67	1.076D 06	3121.76	5.098D 07	3713.69	3.959D 07	4861.32	2.092D 07
920.63	5.326D 04	1216.42	1.031D 06	3169.76	4.967D 07	3716.95	4.943D 07	4892.89	3.837D 07
920.68	5.423D 04	1217.83	1.712D 06	3264.93	4.719D 07	3720.21	3.891D 07	4953.86	3.719D 07
920.96	5.457D 04	1219.25	4.220D 06	3365.99	4.474D 07	3721.94	3.334D 07	5016.38	3.582D 07
921.34	5.516D 04	1220.00	7.869D 06	3421.87	4.345D 07	3724.08	4.184D 07	5050.00	3.511D 07
922.06	5.580D 04	1223.41	4.738D 07	3421.37	4.346D 07	3726.14	5.441D 07	5123.58	3.360D 07
922.77	5.696D 04	1229.92	1.043D 08	3458.74	4.263D 07	3732.22	4.238D 07	5269.12	3.085D 07
923.15	5.749D 04	1236.50	1.250D 08	3530.87	4.107D 07	3734.37	3.304D 07	5423.16	2.824D 07
923.68	5.816D 04	1240.00	1.305D 08	3606.08	3.952D 07	3737.09	4.623D 07	5508.11	2.692D 07
924.62	6.011D 04	1249.96	1.388D 08	3647.05	3.871D 07	3742.24	5.997D 07	5665.32	2.467D 07
925.69	6.085D 04	1269.29	1.448D 08	3647.05	3.712D 07	3747.42	4.641D 07	5989.38	2.072D 07
926.22	6.155D 04	1289.23	1.474D 08	3549.67	3.712D 07	3750.15	3.251D 07	6352.76	1.719D 07
927.00	6.249D 04	1300.00	1.482D 08	3654.64	3.922D 07	3753.67	5.119D 07	6562.80	1.025D 07
928.48	6.678D 04	1316.23	1.490D 08	3659.62	4.070D 07	3760.36	6.545D 07	6797.77	1.383D 07
929.96	6.596D 04	1348.15	1.495D 08	3662.26	4.221D 07	3767.08	5.262D 07	7292.74	1.101D 07
930.75	6.689D 04	1381.65	1.491D 08	3665.27	4.348D 07	3770.63	3.274D 07	7855.45	8.591D 06
931.96	6.905D 04	1400.00	1.485D 08	3670.98	4.306D 07	3775.31	5.804D 07	8205.87	7.467D 06
934.26	7.982D 04	1419.35	1.477D 08	3676.71	4.087D 07	3784.22	7.011D 07	8205.87	7.746D 06
936.53	7.722D 04	1457.53	1.457D 08	3679.74	4.001D 07	3793.16	5.828D 07	8862.47	6.555D 06
937.80	7.650D 04	1497.83	1.431D 08	3680.27	3.973D 07	3797.90	3.251D 07	10448.64	3.677D 06
938.84	8.942D 04	1520.00	1.416D 08	3681.28	3.958D 07	3804.32	6.370D 07	12726.36	1.814D 06
943.74	1.168D 05	1545.12	1.396D 08	3682.81	3.922D 07	3816.55	7.299D 07	14380.00	1.163D 06
947.65	1.057D 05	1595.10	1.356D 08	3682.81	3.929D 07	3828.85	6.465D 07	15890.88	8.348D 05
949.74	9.047D 04	1648.41	1.311D 08	3683.50	3.917D 07	3835.38	3.285D 07	19843.04	3.634D 05
953.60	1.490D 05	1678.00	1.285D 08	3684.82	3.953D 07	3844.54	6.892D 07	26411.82	1.242D 05
951.00	2.857D 05	1723.39	1.246D 08	3686.13	3.847D 07	3862.03	7.359D 07	32000.00	5.944D 04
968.52	2.732D 05	1815.53	1.166D 08	3686.83	3.865D 07	3879.67	6.796D 07	34121.04	4.640D 04
973.54	1.270D 05	1920.32	1.086D 08	3687.64	3.859D 07	3889.05	3.223D 07	39024.39	2.760D 04
981.32	1.481D 05	1980.00	1.042D 08	3689.19	3.985D 07	3902.80	7.028D 07	45573.51	1.511D 04
998.42	9.387D 06	1991.74	1.033D 08	3690.73	3.743D 07	3929.14	7.177D 07	50000.00	1.053D 04
1016.12	8.400D 06	2014.39	1.017D 08	3691.55	3.763D 07	3955.84	6.861D 07	54724.75	7.404D 03
1025.72	2.175D 05	2037.56	1.001D 08	3692.52	3.759D 07	3970.07	3.191D 07	66666.67	3.420D 03
1037.82	2.249D 07	2050.00	9.922D 07	3694.35	4.080D 07	3992.20	6.847D 07	85275.25	1.301D 03

TEFF = 12000.C LOG(G) = 3.00 X = 0.5667 Y = 0.3333

I	TAJ	TE	PG	PE	RHO	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	8.2230 03	3.5800-05	1.7160-05	3.6620-17	2.7460-01	-2.0610-01	-3.1980 02	1.0000 00	2.8990-01	1.5670-20
3	1.0000-07	8.2260 03	3.6880-04	1.7400-04	3.8270-16	2.6630-01	-2.0610-01	-3.6920 02	1.0000 00	3.9220-02	2.1520-22
5	1.0000-06	7.7870 03	3.7280-03	1.7540-03	4.0970-15	2.6510-01	-2.0610-01	3.6270 02	9.9940-01	4.9790-04	3.0990-27
7	1.0000-05	8.3190 03	3.7220-02	1.7500-02	3.8310-14	2.6640-01	-2.0610-01	4.0730 02	9.9860-01	6.1420-04	8.1180-26
9	1.0000-04	8.6570 03	3.6420-01	1.7080-01	3.6230-13	2.7750-01	-2.0590-01	-3.4960 01	9.9350-01	2.3420-04	5.1970-26
11	1.0000-03	8.9700 03	3.1310 00	1.4540 00	3.0210-12	3.5990-01	-2.0300-01	8.5130 00	9.7560-01	1.0750-04	5.0910-26
13	1.3590-03	8.9730 03	4.0710 00	1.8840 00	3.9400-12	3.8700-01	-2.0340-01	8.4390 00	9.6980-01	8.4110-05	3.1600-26
15	1.8480-03	8.9780 03	5.2500 00	2.4190 00	5.0980-12	4.2020-01	-2.0300-01	8.1630 00	9.6080-01	6.6720-05	2.0300-26
17	2.5120-03	8.9870 03	6.7140 00	3.0770 00	6.5420-12	4.6010-01	-1.9570-01	7.6130 00	9.5160-01	5.4220-05	1.3920-26
19	3.4150-03	9.0620 03	8.5130 00	3.8790 00	8.3200-12	5.0730-01	-1.9530-01	6.7830 00	9.4160-01	4.5560-05	1.0480-26
21	4.6420-03	9.0270 03	1.0710 01	4.8520 00	1.0490-11	5.6250-01	-1.7620-01	5.7300 00	9.3170-01	4.0060-05	9.0230-27
23	6.3100-03	9.0670 03	1.3380 01	6.0300 00	1.3100-11	6.2650-01	-1.5970-01	4.5340 00	9.2300-01	3.7380-05	9.2790-27
25	8.5770-03	9.1250 03	1.6600 01	7.4540 00	1.6200-11	7.0010-01	-1.5700-01	3.3630 00	9.1680-01	3.7540-05	1.1930-26
27	1.1660-02	9.2040 03	2.0480 01	9.1790 00	1.9840-11	7.6430-01	-1.6470-01	2.5030 00	9.1390-01	4.0750-05	1.9480-26
29	1.5850-02	9.3040 03	2.5140 01	1.1270 01	2.4080-11	8.8010-01	-1.5780-01	1.9330 00	9.1450-01	4.7630-05	3.9900-26
31	2.1540-02	9.4230 03	3.0730 01	1.3810 01	2.9030-11	9.8360-01	-2.0390-01	1.6350 00	9.1780-01	5.9130-05	9.8430-26
33	2.9290-02	9.5570 03	3.7450 01	1.6880 01	3.4790-11	1.1110 00	-1.9930-01	1.4470 00	9.2290-01	7.6670-05	2.7710-25
35	3.9810-02	9.7060 03	4.5490 01	2.0580 01	4.1480-11	1.2470 00	-1.4410-01	1.2980 00	9.2930-01	1.0330-04	8.7620-25
37	5.4120-02	9.8730 03	5.5160 01	2.5060 01	4.9260-11	1.3970 00	-1.5000-01	1.2610 00	9.3680-01	1.4550-04	3.1820-24
39	7.3560-02	1.0060 04	6.6810 01	3.0500 01	5.8310-11	1.5610 00	-2.2430-01	1.6880 00	9.4520-01	2.1610-04	1.3570-23
41	1.0000-01	1.0280 04	8.0920 01	3.7120 01	6.8880-11	1.7370 00	-2.1750-01	2.1670 00	9.5360-01	3.3720-04	6.7580-23
43	1.2590-01	1.0450 04	9.3460 01	4.3030 01	7.7990-11	1.8770 00	-8.9120-02	2.5070 00	9.5970-01	4.8410-04	2.4540-22
45	1.5850-01	1.0650 04	1.0800 02	4.9910 01	8.8190-11	2.0190 00	6.7420-03	3.0450 00	9.6600-01	7.2810-04	1.0300-21
47	1.9950-01	1.0870 04	1.2500 02	5.7940 01	9.9770-11	2.1690 00	6.2500-02	3.1010 00	9.7170-01	1.1180-03	4.6190-21
49	2.5120-01	1.1100 04	1.4490 02	6.7350 01	1.1290-10	2.3200 00	2.1570-02	2.9710 00	9.7700-01	1.7810-03	2.5180-20
51	3.1620-01	1.1360 04	1.6840 02	7.8470 01	1.2780-10	2.4760 00	4.9710-02	2.9710 00	9.8170-01	2.9210-03	1.2770-19
53	3.3810-01	1.1650 04	1.9610 02	9.1620 01	1.4490-10	2.6340 00	9.4610-02	2.7110 00	9.8570-01	4.9370-03	7.7560-19
55	5.0120-01	1.1950 04	2.2900 02	1.0720 02	1.6470-10	2.8040 00	2.0220-01	2.3540 00	9.8890-01	8.3320-03	4.7020-18
57	6.3100-01	1.2290 04	2.6810 02	1.2570 02	1.8730-10	2.9760 00	-8.2480-03	2.3940 00	9.9150-01	1.4480-02	3.1410-17
59	7.9430-01	1.2650 04	3.1460 02	1.4780 02	2.1320-10	3.1570 00	-3.4460-01	2.4450 00	9.9340-01	2.5340-02	2.1670-16
61	1.0000 00	1.3030 04	3.7010 02	1.7420 02	2.4290-10	3.3490 00	-4.5230-01	2.7230 00	9.9450-01	4.4230-02	1.5090-15
63	1.2590 00	1.3430 04	4.3580 02	2.0560 02	2.7700-10	3.5670 00	-2.5070-01	3.6700 00	9.9550-01	7.4870-02	9.8290-15
65	1.5850 00	1.3830 04	5.1340 02	2.4300 02	3.1600-10	3.8270 00	3.2470-04	5.7950 00	9.9620-01	1.1900-01	5.4380-14
67	1.9950 00	1.4270 04	6.0460 02	2.8760 02	3.5910-10	4.0980 00	3.7090-01	4.2790 00	9.9750-01	1.8930-01	3.2450-13
69	2.5120 00	1.4740 04	7.1190 02	3.4090 02	4.0680-10	4.4000 00	2.5640-01	1.4120 00	9.9750-01	2.8860-01	1.8700-12
71	3.1620 00	1.5250 04	8.3810 02	4.0460 02	4.5930-10	4.7240 00	-5.9660-01	4.3490-01	9.9800-01	4.1630-01	1.0440-11
73	3.9810 00	1.5770 04	9.8600 02	4.7990 02	5.1850-10	5.0850 00	-7.9990-01	2.8140 00	9.9840-01	5.4790-01	4.9320-11
75	5.0120 00	1.6290 04	1.1590 03	5.6830 02	5.8630-10	5.4830 00	-2.7700-03	5.3720 00	9.9870-01	6.6360-01	1.9550-10
77	6.3100 00	1.6830 04	1.3620 03	6.7160 02	6.6320-10	5.8910 00	1.9080-01	4.9070 00	9.9890-01	7.6000-01	7.1130-10
79	7.9430 00	1.7400 04	1.6010 03	7.9270 02	7.5100-10	6.2940 00	2.2110-01	3.7840 00	9.9900-01	8.3080-01	2.4450-09
81	1.0000 01	1.8020 04	1.8840 03	9.3540 02	8.5030-10	6.6820 00	-4.1720-02	2.0360 00	9.9900-01	8.8610-01	8.4490-09
83	1.2590 01	1.8700 04	2.2110 03	1.1050 03	9.6400-10	7.0620 00	-4.1940-01	2.0910 00	9.9910-01	9.2590-01	2.9170-08
85	1.5850 01	1.9360 04	2.6220 03	1.3070 03	1.0980-09	7.5140 00	-2.3260-01	4.8700 00	9.9910-01	9.5000-01	8.7220-08
87	1.9950 01	2.0040 04	3.0980 03	1.5450 03	1.2520-09	8.0070 00	4.2720-01	3.9560 00	9.9910-01	9.6580-01	2.4490-07
89	2.5120 01	2.0730 04	3.6600 03	1.8270 03	1.4290-09	8.5420 00	-5.5150-02	3.6270 00	9.9920-01	9.7640-01	6.5280-07
91	3.1620 01	2.1530 04	4.3250 03	2.1600 03	1.6250-09	9.0120 00	-3.5110-01	4.8850 00	9.9920-01	9.8450-01	1.9170-06
93	3.9810 01	2.2410 04	5.1200 03	2.5580 03	1.8480-09	9.4850 00	-4.8560-02	3.9100 00	9.9930-01	9.9000-01	5.6540-06
95	5.0120 01	2.3330 04	6.0710 03	3.0330 03	2.1040-09	9.9940 00	-3.9150-02	2.3840 00	9.9930-01	9.9340-01	1.6090-05
97	6.3100 01	2.4280 04	7.2040 03	3.6000 03	2.3990-09	1.0560 01	-1.3400-01	2.2550 00	9.9940-01	9.9560-01	4.3260-05
99	7.9430 01	2.5310 04	8.5530 03	4.2750 03	2.7320-09	1.1130 01	4.5410-01	3.4270 00	9.9940-01	9.9690-01	1.1660-04

TEFF = 12000.0 LOG(G) = 3.00 X = 0.66667 Y = 0.33333

-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.25	1.020D-01	1061.56	4.525D 07	2050.00	9.915D 07	3696.18	3.690D 07	4034.83	6.928D 07
546.43	8.106D-01	1086.41	7.170D 07	2127.72	9.378D 07	3697.15	3.707D 07	4078.38	6.586D 07
649.38	3.773D 01	1100.00	8.397D 07	2292.47	8.373D 07	3698.31	3.747D 07	4101.73	2.773D 07
800.11	1.580D 03	1112.26	9.380D 07	2484.88	7.375D 07	3700.50	4.020D 07	4141.06	6.433D 07
911.76	1.085D 04	1136.26	1.093D 08	2600.00	6.859D 07	3702.69	3.619D 07	4217.72	6.148D 07
911.76	1.034D 04	1161.33	1.196D 08	2600.00	6.859D 07	3703.85	3.576D 07	4297.27	5.792D 07
913.67	2.875D 04	1175.00	1.210D 08	2677.27	6.543D 07	3705.25	3.732D 07	4340.46	2.550D 07
915.54	3.454D 04	1181.83	1.192D 08	2837.09	5.952D 07	3707.91	4.197D 07	4422.28	5.348D 07
918.63	4.131D 04	1194.99	1.017D 08	3017.20	5.375D 07	3710.56	3.626D 07	4586.15	4.802D 07
919.35	4.398D 04	1208.45	1.482D 07	3121.75	5.071D 07	3711.97	3.443D 07	4762.63	4.279D 07
919.63	4.443D 04	1215.67	9.241D 05	3121.76	5.071D 07	3713.69	3.797D 07	4861.32	1.988D 07
920.16	4.493D 04	1215.42	9.288D 05	3169.76	4.940D 07	3716.95	4.485D 07	4892.89	3.894D 07
920.68	4.594D 04	1217.83	1.305D 06	3264.93	4.695D 07	3720.21	3.666D 07	4953.86	3.794D 07
920.96	4.646D 04	1219.25	2.216D 06	3365.99	4.453D 07	3721.94	3.254D 07	5016.38	3.654D 07
921.34	4.703D 04	1220.00	3.126D 06	3421.87	4.325D 07	3724.08	3.896D 07	5050.00	3.580D 07
922.06	4.766D 04	1223.41	1.951D 07	3421.87	4.325D 07	3728.14	4.901D 07	5123.58	3.424D 07
922.77	4.868D 04	1229.92	7.766D 07	3458.74	4.244D 07	3732.22	3.886D 07	5269.12	3.140D 07
923.15	4.916D 04	1236.50	1.103D 08	3530.87	4.089D 07	3734.37	3.161D 07	5423.16	2.870D 07
923.63	4.974D 04	1240.00	1.201D 08	3606.08	3.935D 07	3737.09	4.199D 07	5508.11	2.734D 07
924.69	5.143D 04	1249.96	1.353D 08	3647.05	3.855D 07	3742.24	5.433D 07	5665.32	2.503D 07
925.69	5.214D 04	1269.29	1.464D 08	3647.05	3.698D 07	3747.42	4.170D 07	5989.38	2.099D 07
926.22	5.271D 04	1289.23	1.509D 08	3649.67	3.693D 07	3750.15	3.059D 07	6352.76	1.738D 07
927.00	5.348D 04	1300.00	1.523D 08	3654.64	3.758D 07	3753.67	4.584D 07	6562.80	9.936D 06
928.43	5.671D 04	1316.23	1.538D 08	3659.62	3.919D 07	3760.36	6.049D 07	6797.77	1.397D 07
929.96	5.635D 04	1343.15	1.547D 08	3662.26	4.031D 07	3767.08	4.790D 07	7292.74	1.111D 07
930.75	5.713D 04	1381.65	1.543D 08	3665.27	4.159D 07	3770.63	3.045D 07	7865.45	8.653D 06
931.96	5.917D 04	1400.00	1.536D 08	3670.98	4.299D 07	3775.31	5.232D 07	8205.87	7.516D 06
934.26	6.632D 04	1419.35	1.530D 08	3676.71	4.221D 07	3784.22	6.651D 07	8205.87	7.865D 06
936.58	6.497D 04	1457.53	1.506D 08	3679.74	4.128D 07	3793.16	5.261D 07	8862.47	6.650D 06
937.80	6.472D 04	1497.83	1.474D 08	3680.27	4.102D 07	3797.99	3.003D 07	10448.64	3.716D 06
939.84	7.353D 04	1520.00	1.455D 08	3681.28	4.058D 07	3804.32	5.870D 07	12726.36	1.828D 06
943.74	8.937D 04	1545.12	1.435D 08	3682.28	4.035D 07	3816.55	7.145D 07	14380.00	1.171D 06
947.66	8.542D 04	1595.10	1.387D 08	3682.81	4.029D 07	3828.85	6.004D 07	15890.88	8.412D 05
949.74	7.630D 04	1648.41	1.335D 08	3683.50	4.007D 07	3835.38	3.021D 07	19843.04	3.654D 05
953.60	1.136D 05	1678.00	1.306D 08	3684.82	3.991D 07	3844.54	6.587D 07	26411.82	1.248D 05
961.00	2.172D 05	1723.39	1.263D 08	3686.13	3.921D 07	3862.03	7.390D 07	32000.00	5.960D 04
968.52	1.906D 05	1816.53	1.175D 08	3686.83	3.924D 07	3879.67	6.521D 07	34121.04	4.652D 04
972.54	1.056D 05	1920.32	1.089D 08	3687.64	3.907D 07	3889.05	2.972D 07	39024.39	2.764D 04
981.32	4.496D 05	1980.00	1.043D 08	3689.19	3.938D 07	3902.80	6.952D 07	45573.51	1.511D 04
998.42	2.972D 06	1991.74	1.034D 08	3690.73	3.795D 07	3929.14	7.330D 07	50000.00	1.053D 04
1016.12	2.135D 06	2014.39	1.017D 08	3691.55	3.807D 07	3955.84	6.843D 07	54724.75	7.396D 03
1025.72	1.841D 05	2037.56	1.000D 08	3692.52	3.796D 07	3970.07	2.950D 07	66666.67	3.412D 03
1037.82	7.801D 06	2050.00	9.915D 07	3694.35	3.947D 07	3992.20	6.959D 07	85275.25	1.296D 03

TEFF = 12000.0 LOG(G) = 3.50 X = 0.66667 Y = 0.33333

I	TAU	T	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	7.7620 03	1.2040-04	5.6690-05	1.3220-16	2.6550-01	-2.2880-01	3.6250 C2	1.0000 00	1.4840-02	2.7230-24
3	1.0000-07	7.8150 03	1.1900-03	5.5010-04	1.3030-15	2.6510-01	-2.2880-01	3.6400 C2	9.9980-01	1.7920-03	4.7170-26
5	1.0000-06	7.9630 03	1.1890-02	5.5890-03	1.2940-14	2.6530-01	-2.2880-01	3.6630 C2	9.9840-01	2.2870-04	1.0080-27
7	1.0000-05	8.3760 03	1.1800-01	5.5400-02	1.2070-13	2.6920-01	-2.2880-01	-1.9460 C2	9.9610-01	2.4920-04	1.7710-26
9	1.0000-04	8.7580 03	1.1100 00	5.1820-01	1.0920-12	3.0150-01	-2.2840-01	-3.3780 00	9.8570-01	1.3150-04	2.9880-26
11	1.0000-03	8.9600 03	8.1240 00	3.9660 00	7.9870-12	4.9850-01	-2.5320-01	1.8730 00	9.3900-01	4.0690-05	6.9740-27
13	1.3590-03	8.9560 03	1.0260 01	4.6250 00	1.0160-11	5.5330-01	-3.1360-01	1.7290 C0	9.2430-01	3.2010-05	4.2420-27
15	1.9480-03	8.9560 03	1.2850 01	5.7400 00	1.2840-11	6.1670-01	-3.9050-01	1.6510 00	9.0790-01	2.5860-05	2.7760-27
17	2.5120-03	8.9660 03	1.6010 01	7.0750 00	1.6100-11	5.8960-01	-3.5840-01	1.6830 00	8.9100-01	2.1740-05	2.0430-27
19	3.4150-03	8.9680 03	1.9820 01	8.6720 00	2.0040-11	7.7300-01	-3.1730-01	1.8410 00	8.7530-01	1.9330-05	1.7780-27
21	4.6420-03	9.0240 03	2.9420 01	1.0600 01	2.7450-11	3.6920-01	-2.3150-01	2.1180 00	8.6270-01	1.8420-05	1.9170-27
23	6.3100-03	9.0900 03	2.9940 01	1.2930 01	3.0250-11	9.8050-01	-1.5760-01	2.4830 C0	8.5490-01	1.9000-05	2.6410-27
25	8.5770-03	9.1720 03	3.6570 01	1.5760 01	3.6660-11	1.1100 00	-1.9370-01	2.8910 00	8.5250-01	2.1140-05	4.6040-27
27	1.1660-02	9.2730 03	4.4480 01	1.9200 01	4.4050-11	1.2600 00	-2.4340-01	3.3040 00	8.5470-01	2.5030-05	9.7360-27
29	1.5850-02	9.3380 03	5.3900 01	2.3350 01	5.2590-11	1.4310 00	-2.4010-01	3.6520 00	8.5990-01	3.0870-05	2.3330-26
31	2.1540-02	9.5110 03	6.5130 01	2.8340 01	6.2520-11	1.6270 00	-2.1880-01	3.9050 C0	8.6660-01	3.8960-05	5.9910-26
33	2.9290-02	9.6420 03	7.8500 01	3.4330 01	7.4030-11	1.8490 00	-2.0700-01	4.0380 00	8.7430-01	5.0100-05	1.6270-25
35	3.9810-02	9.7880 03	9.4410 01	4.1540 01	8.7300-11	2.1000 00	-1.8980-01	4.1040 C0	8.8390-01	6.6730-05	4.9240-25
37	5.4120-02	9.9540 03	1.1340 C2	5.0270 01	1.0250-10	2.3780 00	-1.4210-01	4.1720 00	8.9570-01	9.3600-05	1.7480-24
39	7.3560-02	1.0140 04	1.3610 C2	6.0920 01	1.2010-10	2.6860 00	-3.8860-02	4.1250 C0	9.0830-01	1.3650-04	7.0000-24
41	1.0000-01	1.0350 04	1.6340 C2	7.3530 01	1.4020-10	3.0190 00	9.3850-03	4.2870 00	9.2220-01	2.1290-04	3.4570-23
43	1.2590-01	1.0530 04	1.8760 C2	8.5100 01	1.5740-10	3.2840 00	-1.9610-02	3.8480 C0	9.3240-01	3.0430-04	1.2330-22
45	1.5850-01	1.0730 04	2.1550 C2	9.8380 01	1.7660-10	3.5570 00	-2.4310-02	3.3310 C0	9.4300-01	4.5790-04	5.1610-22
47	1.9950-01	1.0940 04	2.4790 C2	1.1370 C2	1.9830-10	3.8400 00	1.0300-01	2.6990 00	9.5240-01	7.0080-04	2.2770-21
49	2.5120-01	1.1180 04	2.8580 C2	1.3170 C2	2.2280-10	4.1300 00	3.4370-01	2.8950 00	9.6100-01	1.1050-03	1.1020-20
51	3.1620-01	1.1430 04	3.3020 C2	1.5270 C2	2.5100-10	4.4370 00	5.3240-01	2.8100 00	9.6820-01	1.7420-03	5.3430-20
53	3.9910-01	1.1700 04	3.8220 C2	1.8170 C2	2.8270-10	4.7410 00	5.3490-01	2.5770 00	9.7470-01	2.8820-03	3.0130-19
55	5.0120-01	1.2020 04	4.4390 C2	2.0680 C2	3.1870-10	5.0340 00	1.5360-01	-1.4170-01	9.8060-01	5.0440-03	2.0280-18
57	6.3100-01	1.2360 04	5.1710 C2	2.4160 C2	3.6020-10	5.3420 00	-4.9430-01	-6.6330-01	9.8520-01	8.8460-03	1.3800-17
59	7.9430-01	1.2710 04	6.0420 C2	2.8280 C2	4.0850-10	5.6790 00	-7.3800-01	7.8500-01	9.8830-01	1.5210-02	8.8910-17
61	1.0000 00	1.3060 04	7.0710 C2	3.3160 C2	4.6430-10	5.0710 00	-4.0800-01	3.9620 00	9.9010-01	2.4830-02	4.9040-16
63	1.2590 00	1.3410 04	8.2810 C2	3.8990 C2	5.2930-10	6.5110 00	2.5930-01	6.8140 00	9.9160-01	3.9390-02	2.5040-15
65	1.5850 00	1.3850 04	9.7150 C2	4.5770 C2	5.9970-10	6.8920 00	4.5560-01	3.1330 00	9.9340-01	6.9140-02	1.8070-14
67	1.9950 00	1.4310 04	1.1420 C3	5.3990 C2	6.7990-10	7.3330 00	2.4420-01	7.9990-01	9.9470-01	1.1640-01	1.1990-13
69	2.5120 00	1.4790 04	1.3430 C3	6.3860 C2	7.6990-10	7.8310 00	-3.7650-01	-4.7050-01	9.9590-01	1.8910-01	7.0350-13
71	3.1620 00	1.5290 04	1.5810 C3	7.5650 C2	8.7100-10	9.4070 00	-8.4550-01	1.0360 00	9.9670-01	2.8730-01	4.3220-12
73	3.9910 00	1.5740 04	1.8580 C3	8.9460 C2	9.8890-10	9.1470 00	-5.7710-01	6.4660 00	9.9730-01	3.8310-01	1.6840-11
75	5.0120 00	1.6240 04	2.1790 C3	1.0570 C3	1.1600-09	9.8900 00	4.2110-01	6.5470 C0	9.9780-01	4.9820-01	6.8880-11
77	6.3100 00	1.6780 04	2.5540 C3	1.2480 C3	1.2570-09	1.0650 01	4.3810-01	2.9960 C0	9.9820-01	6.1740-01	2.7690-10
79	7.9430 00	1.7360 04	2.9940 C3	1.4720 C3	1.6010-09	1.1410 01	4.6280-02	9.9270-01	9.9830-01	7.1810-01	1.0330-09
81	1.0000 01	1.7930 04	3.5110 C3	1.7340 C3	1.6110-09	1.2230 01	-2.7430-01	2.6100 00	9.9830-01	7.9570-01	3.3950-09
83	1.2590 01	1.8600 04	4.1230 C3	2.0440 C3	1.8060-09	1.2980 01	-5.4760-01	3.2210 C0	9.9840-01	8.6260-01	1.2120-08
85	1.5850 01	1.9240 04	4.8480 C3	2.4090 C3	2.0430-09	1.3840 01	-1.1300-01	3.3950 00	9.9850-01	9.0460-01	3.6150-08
87	1.9950 01	1.9930 04	5.7060 C3	2.8410 C3	2.3230-09	1.4700 01	6.2170-01	3.6860 00	9.9860-01	9.3540-01	1.0780-07
89	2.5120 01	2.0620 04	6.7200 C3	3.3500 C3	2.6410-09	1.5660 01	-1.5970-01	2.6430 00	9.9870-01	9.5550-01	2.9520-07
91	3.1620 01	2.1430 04	7.9260 C3	3.9550 C3	2.9960-09	1.6530 01	4.9160-01	3.0460 00	9.9880-01	9.7080-01	8.7850-07
93	3.9910 01	2.2260 04	9.3610 C3	4.6730 C3	3.4040-09	1.7470 01	-7.3150-02	4.1510 00	9.9890-01	9.8070-01	2.4870-06
95	5.0120 01	2.3140 04	1.1070 04	5.5300 C3	3.8710-09	1.8460 01	4.7440-02	2.8190 00	9.9900-01	9.8720-01	6.8830-06
97	6.3100 01	2.4070 04	1.3110 04	6.5490 C3	4.4060-09	1.9530 01	-2.1840-01	2.5150 00	9.9910-01	9.9140-01	1.8350-05
99	7.9430 01	2.5080 04	1.5540 C4	7.7640 C3	5.0110-09	2.0570 01	2.2260-01	3.1300 00	9.9920-01	9.9430-01	4.9530-05



TEFF = 12000.0 LOG(G) = 3.50 X = 0.66667 Y = 0.33333

	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.354D-01	1061.56	2.752D 07	2050.00	1.005D 08	3696.18	3.813D 07	4034.83	7.053D 07
546.43	1.055D C0	1086.41	5.354D 07	2127.72	9.508D 07	3697.15	3.820D 07	4078.38	6.592D 07
649.38	4.365D 01	1100.00	6.683D 07	2292.47	8.451D 07	3698.31	3.829D 07	4101.73	2.618D 07
800.11	1.997D C3	1112.26	7.798D 07	2484.88	7.440D 07	3700.50	3.948D 07	4141.06	6.540D 07
911.76	1.314D C4	1136.26	9.643D C7	2600.90	6.921D 07	3702.69	3.696D 07	4217.72	6.289D 07
911.75	1.313D C4	1161.33	1.082D 08	2600.00	6.921D 07	3703.85	3.678D 07	4297.27	5.891D 07
913.07	3.020D 04	1175.00	1.082D 08	2677.27	6.599D 07	3705.25	3.763D 07	4340.46	2.418D C7
915.54	3.769D 04	1181.83	1.041D 08	2837.09	5.994D 07	3707.91	4.028D 07	4422.28	5.453D C7
918.03	4.263D 04	1194.99	7.671D 07	3017.20	5.415D 07	3710.56	3.656D 07	4586.15	4.891D 07
919.35	4.434D 04	1208.45	5.448D 06	3121.75	5.108D 07	3711.97	3.552D C7	4762.63	4.349C 07
919.63	4.470C 04	1215.67	8.468D 05	3121.76	5.108D 07	3713.69	3.775D 07	4861.32	1.908D 07
920.16	4.511D 04	1215.42	9.511D 05	3169.76	4.976D 07	3716.95	4.195D 07	4892.89	3.920D 07
920.68	4.575D 04	1217.83	1.091D 06	3264.93	4.729D 07	3720.21	3.599D 07	4953.86	3.854D 07
920.96	4.506C 04	1219.25	1.610D 06	3365.99	4.482D 07	3721.94	3.312D 07	5016.38	3.714D 07
921.34	4.642C 04	1220.00	2.006D 06	3421.87	4.353D 07	3724.08	3.777D 07	5050.00	3.639D 07
922.06	4.694C 04	1223.41	7.413D C6	3421.87	4.353D 07	3728.14	4.500D 07	5123.58	3.480D 07
922.77	4.767C 04	1229.92	4.717D 07	3458.74	4.270D 07	3732.22	3.700D 07	5259.12	3.189D 07
923.15	4.800C 04	1236.50	8.702D 07	3530.87	4.114D 07	3734.37	3.149D 07	5423.16	2.912D 07
923.63	4.842D 04	1240.00	1.003D 08	3606.08	3.959D 07	3737.09	3.953D 07	5508.11	2.772D 07
924.69	4.942C 04	1249.96	1.233D 08	3647.05	3.877D 07	3742.24	4.945D 07	5665.32	2.535D 07
925.69	5.011D 04	1269.29	1.417D 08	3647.05	3.722D 07	3747.42	3.862D 07	5989.38	2.123D 07
926.22	5.054D 04	1289.23	1.494D 08	3649.67	3.715D 07	3750.15	2.971D 07	6352.76	1.757D 07
927.00	5.116D 04	1300.00	1.518D 08	3654.64	3.752D 07	3753.67	4.205D 07	6562.80	9.693D 06
928.48	5.300C 04	1316.23	1.545D 08	3659.82	3.853D 07	3760.36	5.530D 07	6797.77	1.410D 07
929.95	5.342D 04	1348.15	1.567D 08	3662.26	3.930D 07	3767.08	4.265D 07	7292.74	1.120D 07
930.75	5.404D 04	1381.65	1.575D 08	3665.27	4.029D 07	3770.63	2.909D 07	7865.45	8.722D 06
931.96	5.537C 04	1400.00	1.566D 08	3670.98	4.199D 07	3775.31	4.733D 07	8205.87	7.574D 06
934.26	5.984D 04	1419.35	1.564D 08	3676.71	4.271D 07	3784.22	6.185D 07	8205.87	7.958D 06
936.58	5.971D 04	1457.53	1.539D 08	3679.74	4.252D 07	3793.16	4.751D 07	8862.47	6.726C 06
937.80	6.004D 04	1497.83	1.507D 08	3680.27	4.239D 07	3797.90	2.835D 07	10448.64	3.750D 06
939.84	6.553D 04	1520.00	1.498D 08	3681.28	4.221D 07	3804.32	5.344D 07	12726.36	1.841D 06
943.74	7.703D 04	1545.12	1.470D 08	3682.28	4.203D 07	3816.55	6.820D 07	14380.00	1.178D 06
947.66	7.486C 04	1595.10	1.417D 08	3682.81	4.196D 07	3828.85	5.494D 07	15890.88	8.468D 05
949.74	7.031D 04	1648.41	1.363D 08	3683.50	4.177D 07	3835.38	2.832D 07	19843.04	3.673D 05
953.60	9.484D 04	1678.00	1.333D 08	3684.82	4.148D 07	3844.54	5.152D 07	26411.82	1.253D 05
961.00	1.493D C5	1723.39	1.288D 08	3686.13	4.100D 07	3862.03	7.260D 07	32000.00	5.980D 04
963.52	1.414D 05	1816.53	1.195D 08	3686.83	4.091D 07	3879.67	6.108D 07	34121.04	4.665D 04
972.54	9.518D 04	1920.32	1.108D 08	3687.84	4.066D 07	3889.05	2.781D 07	39024.39	2.770D 04
981.32	2.599D C5	1980.00	1.060D 08	3689.19	4.046D 07	3902.80	6.703D 07	45573.51	1.514D 04
998.42	1.026D 06	1991.74	1.048D 08	3690.73	3.953D 07	3929.14	7.373D 07	50000.00	1.054D 04
1016.12	7.427D 05	2014.39	1.031D 08	3691.55	3.952D 07	3955.84	6.659D 07	54724.75	7.402D 03
1025.72	1.639D 05	2037.56	1.014D 08	3692.52	3.930D 07	3970.07	2.764D 07	66666.67	3.412D 03
1037.82	2.405D 06	2050.00	1.005D 08	3694.35	3.971D 07	3992.20	6.952D 07	85275.25	1.295D 03

TEFF = 12000.0 LOG(G) = 4.00 X = 0.6667 Y = 0.33333

I	TAJ	TE	P6	PE	RHO	KAPZ	U(%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	7.951D 03	3.819D-04	1.799D-04	4.108D-16	2.654D-01	6.328D-03	3.704D 02	1.000D 00	1.077D-02	3.668D-24
3	1.0003-07	7.933D 03	3.773D-03	1.775D-03	4.070D-15	2.652D-01	5.828D-03	3.695D 02	9.96D-01	1.012D-03	2.904D-26
5	1.0003-06	7.970D 03	3.762D-02	1.767D-02	4.046D-14	2.651D-01	6.830D-03	3.712D 02	9.953D-01	1.215D-04	5.125D-28
7	1.0003-05	8.514D 03	3.681D-01	1.724D-01	3.710D-13	2.779D-01	6.941D-03	-1.958D 02	9.914D-01	1.449D-04	1.170D-26
9	1.0003-04	8.849D 03	3.160D 00	1.462D 00	3.710D-12	3.634D-01	7.543D-03	-6.101D 00	9.680D-01	6.701D-05	1.167D-26
11	1.0003-03	8.922D 03	1.892D 01	8.222D 00	1.938D-11	7.516D-01	-1.170D-01	1.259D 01	8.644D-01	1.579D-05	8.908D-28
13	1.3593-03	8.917D 03	2.340D 01	9.992D 00	2.430D-11	8.405D-01	-2.442D-01	-1.155D 01	8.385D-01	1.275D-05	5.683D-28
15	1.8483-03	8.926D 03	2.882D 01	1.210D 01	3.028D-11	9.409D-01	-2.298D-01	-1.064D 01	8.140D-01	1.092D-05	4.337D-28
17	2.5123-03	8.955D 03	3.539D 01	1.464D 01	3.744D-11	1.057D 00	-1.453D-01	-1.009D 01	7.942D-01	1.008D-05	1.850D-28
19	3.4153-03	9.007D 03	4.330D 01	1.775D 01	4.585D-11	1.194D 00	-1.273D-02	-1.000D 01	7.815D-01	1.014D-05	5.298D-28
21	4.6423-03	9.084D 03	5.276D 01	1.256D 01	5.551D-11	1.359D 00	1.499D-01	-1.031D 01	7.773D-01	1.116D-05	8.897D-28
23	6.3103-03	9.183D 03	6.403D 01	2.623D 01	6.654D-11	1.554D 00	1.399D-01	-1.046D 01	7.804D-01	1.321D-05	1.876D-27
25	8.5773-03	9.292D 03	7.735D 01	3.183D 01	7.917D-11	1.781D 00	-5.713D-04	-1.173D 01	7.868D-01	1.614D-05	4.363D-27
27	1.1663-02	9.407D 03	9.314D 01	3.855D 01	9.379D-11	2.041D 00	-1.063D-01	-1.251D 01	7.944D-01	1.998D-05	1.053D-27
29	1.5853-02	9.527D 03	1.118D 02	4.659D 01	1.107D-10	2.338D 00	-1.268D-01	-1.250D 01	8.033D-01	2.508D-05	2.643D-26
31	2.1543-02	9.650D 03	1.340D 02	5.616D 01	1.303D-10	2.677D 00	-1.372D-01	-1.154D 01	8.121D-01	3.146D-05	6.609D-26
33	2.9293-02	9.781D 03	1.602D 02	6.764D 01	1.530D-10	3.064D 00	-2.355D-01	-9.849D 00	8.219D-01	4.010D-05	1.734D-25
35	3.9813-02	9.919D 03	1.913D 02	8.137D 01	1.792D-10	3.504D 00	-2.689D-01	-7.266D 00	8.325D-01	5.176D-05	4.723D-25
37	5.4123-02	1.006D 04	2.282D 02	9.781D 01	2.094D-10	4.003D 00	-3.137D-01	-5.085D 00	8.438D-01	6.779D-05	1.344D-24
39	7.3563-02	1.023D 04	2.720D 02	1.177D 02	2.437D-10	4.566D 00	-4.302D-01	-2.536D 00	8.583D-01	9.383D-05	4.545D-24
41	1.0003-01	1.043D 04	3.241D 02	1.418D 02	2.827D-10	5.192D 00	-4.693D-01	-2.474D-01	8.748D-01	1.365D-04	1.794D-23
43	1.2593-01	1.059D 04	3.698D 02	1.632D 02	3.152D-10	5.697D 00	-3.371D-01	1.090D 00	8.890D-01	1.898D-04	5.856D-23
45	1.5853-01	1.078D 04	4.222D 02	1.882D 02	3.508D-10	6.225D 00	-2.103D-01	1.785D 00	9.043D-01	2.773D-04	2.229D-22
47	1.9953-01	1.100D 04	4.826D 02	2.170D 02	3.904D-10	6.771D 00	-4.399D-02	2.006D 00	9.193D-01	4.202D-04	9.500D-22
49	2.5123-01	1.123D 04	5.527D 02	2.506D 02	4.349D-10	7.330D 00	7.231D-02	2.464D 00	9.330D-01	6.526D-04	4.374D-21
51	3.1623-01	1.148D 04	6.343D 02	2.896D 02	4.853D-10	7.900D 00	1.626D-01	2.565D 00	9.454D-01	1.040D-03	2.182D-20
53	3.9813-01	1.176D 04	7.299D 02	3.355D 02	5.421D-10	8.466D 00	2.122D-02	2.163D 00	9.570D-01	1.731D-03	1.247D-19
55	5.0123-01	1.206D 04	8.425D 02	3.893D 02	6.071D-10	9.040D 00	-1.816D-02	1.598D 00	9.651D-01	2.931D-03	7.529D-19
57	6.3103-01	1.239D 04	9.755D 02	4.527D 02	6.818D-10	9.628D 00	-1.345D-01	1.855D 00	9.737D-01	5.027D-03	4.737D-18
59	7.9433-01	1.274D 04	1.133D 03	5.276D 02	7.679D-10	1.023D 01	-1.157D-01	1.942D 00	9.793D-01	8.686D-03	3.063D-17
61	1.0003-00	1.311D 04	1.321D 03	6.165D 02	8.679D-10	1.087D 01	1.958D-01	1.632D 00	9.832D-01	1.488D-02	1.939D-16
63	1.2593-00	1.350D 04	1.542D 03	7.216D 02	9.826D-10	1.157D 01	3.040D-01	4.523D-01	9.863D-01	2.510D-02	1.182D-15
65	1.5853-00	1.385D 04	1.803D 03	8.454D 02	1.117D-09	1.245D 01	-2.262D-02	2.405D 00	9.885D-01	3.877D-02	5.523D-15
67	1.9953-00	1.433D 04	2.112D 03	9.940D 02	1.261D-09	1.313D 01	-8.795D-02	3.368D-01	9.913D-01	6.966D-02	4.277D-14
69	2.5123-00	1.482D 04	2.480D 03	1.172D 03	1.427D-09	1.397D 01	4.127D-02	-7.450D-01	9.931D-01	1.165D-01	2.767D-13
71	3.1623-00	1.529D 04	2.913D 03	1.383D 03	1.617D-09	1.500D 01	4.182D-01	-1.930D 00	9.945D-01	1.802D-01	1.473D-12
73	3.9813-00	1.574D 04	3.419D 03	1.632D 03	1.835D-09	1.626D 01	7.798D-01	-3.406D 00	9.954D-01	2.540D-01	6.124D-12
75	5.0123-00	1.623D 04	4.005D 03	1.924D 03	2.072D-09	1.758D 01	3.115D-01	-5.533D 00	9.962D-01	3.508D-01	2.614D-11
77	6.3103-00	1.684D 04	4.695D 03	2.275D 03	2.322D-09	1.879D 01	-1.053D 00	-6.070D 00	9.970D-01	4.859D-01	1.373D-10
79	7.9433-00	1.739D 04	5.505D 03	2.685D 03	2.621D-09	2.027D 01	-1.370D 00	2.626D 00	9.971D-01	5.921D-01	5.008D-10
81	1.0003-01	1.793D 04	6.446D 03	3.161D 03	2.960D-09	2.190D 01	-4.388D-02	1.051D 01	9.972D-01	6.836D-01	1.603D-09
83	1.2593-01	1.856D 04	7.551D 03	3.722D 03	3.335D-09	2.343D 01	8.094D-01	5.657D 00	9.974D-01	7.704D-01	5.432D-09
85	1.5853-01	1.913D 04	8.847D 03	4.376D 03	3.777D-09	2.525D 01	6.378D-01	2.353D 00	9.975D-01	8.280D-01	1.490D-08
87	1.9953-01	1.991D 04	1.038D 04	5.151D 03	4.242D-09	2.651D 01	1.854D 00	-8.558D 00	9.978D-01	8.897D-01	5.470D-08
89	2.5123-01	2.067D 04	1.221D 04	6.075D 03	4.797D-09	2.805D 01	1.107D-01	-1.408D 01	9.980D-01	9.268D-01	1.705D-07
91	3.1623-01	2.138D 04	1.438D 04	7.162D 03	5.454D-09	2.999D 01	-1.101D 00	-3.895D 00	9.981D-01	9.485D-01	4.437D-07
93	3.9813-01	2.219D 04	1.695D 04	8.452D 03	6.189D-09	3.179D 01	-1.588D 00	2.425D 00	9.983D-01	9.654D-01	1.235D-06
95	5.0123-01	2.298D 04	1.999D 04	9.973D 03	7.043D-09	3.392D 01	-1.312D 00	1.769D 01	9.984D-01	9.758D-01	3.064D-06
97	6.3103-01	2.400D 04	2.361D 04	1.179D 04	7.962D-09	3.541D 01	2.342D 00	1.143D 01	9.986D-01	9.846D-01	9.355D-06
99	7.9433-01	2.502D 04	2.795D 04	1.396D 04	9.038D-09	3.724D 01	4.595D-01	-3.391D 00	9.988D-01	9.898D-01	2.582D-05

TEFF = 12000.0 LOG(G) = 4.00 X = 0.66667 Y = 0.33333									
_LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.592D-01	1061.56	1.536D 07	2050.00	1.026D 08	3696.18	4.072D 07	4034.83	7.085D 07
546.43	1.216D 00	1086.41	3.781D 07	2127.72	9.688D 07	3697.15	4.066D 07	4078.38	6.482D 07
649.38	5.246D 01	1100.00	4.946D 07	2292.47	8.638D 07	3698.31	4.051D 07	4101.73	2.553D 07
800.11	1.893D 03	1112.26	6.046D 07	2484.88	7.606D 07	3700.50	4.074D 07	4141.06	6.554D 07
911.76	1.131D 04	1136.26	7.970D 07	2600.00	7.069D 07	3702.69	3.915D 07	4217.72	6.371D 07
911.76	1.128D 04	1161.33	9.156D 07	2600.00	7.069D 07	3703.85	3.902D 07	4297.27	5.935D 07
913.07	2.984D 04	1175.00	8.936D 07	2677.27	6.739D 07	3705.25	3.934D 07	4340.46	2.367D 07
915.54	3.628D 04	1181.83	8.341D 07	2837.09	6.132D 07	3707.91	4.045D 07	4422.28	5.532D 07
918.03	4.178D 04	1194.99	4.968D 07	3017.20	5.547D 07	3710.53	3.825D 07	4586.15	4.973D 07
919.35	4.377D 04	1208.45	3.118D 06	3121.75	5.234D 07	3711.97	3.772D 07	4762.63	4.411D 07
919.63	4.413D 04	1215.67	7.996D 05	3121.76	5.234D 07	3713.69	3.891D 07	4861.32	1.875D 07
920.15	4.450D 04	1216.42	8.038D 05	3169.76	5.099D 07	3716.95	4.104D 07	4892.89	3.906D 07
920.68	4.538D 04	1217.83	9.978D 05	3264.93	4.846D 07	3720.21	3.718D 07	4953.86	3.902D 07
920.96	4.563D 04	1219.25	1.430D 06	3365.99	4.595D 07	3721.94	3.544D 07	5016.38	3.764D 07
921.34	4.594D 04	1220.00	1.713D 06	3421.87	4.462D 07	3724.08	3.843D 07	5050.00	3.688D 07
922.56	4.643D 04	1223.41	3.895D 06	3421.97	4.463D 07	3728.14	4.277D 07	5123.58	3.526D 07
922.77	4.711D 04	1229.92	2.413D 07	3458.74	4.373D 07	3732.22	3.714D 07	5269.12	3.229D 07
923.15	4.744D 04	1236.50	5.872D 07	3530.87	4.219D 07	3734.37	3.330D 07	5423.16	2.949D 07
923.69	4.778D 04	1240.00	7.545D 07	3606.08	4.060D 07	3737.09	3.902D 07	5508.11	2.808D 07
924.69	4.839D 04	1249.96	1.058D 08	3747.05	3.977D 07	3742.24	4.585D 07	5665.32	2.569D 07
925.69	4.907D 04	1269.29	1.314D 08	3847.05	3.826D 07	3747.42	3.749D 07	5989.38	2.150D 07
926.22	4.943D 04	1289.23	1.436D 08	3849.67	3.813D 07	3750.15	3.063D 07	6352.76	1.777D 07
927.00	4.995D 04	1300.00	1.476D 08	3854.64	3.836D 07	3753.67	4.017C 07	6562.80	9.556D 06
928.48	5.078D 04	1316.23	1.521D 08	3859.62	3.897D 07	3760.36	5.070D 07	6797.77	1.426D 07
929.96	5.190D 04	1348.15	1.563D 08	3662.26	3.945D 07	3767.08	4.003D 07	7292.74	1.133D 07
930.75	5.242D 04	1381.65	1.577D 08	3665.27	4.010D 07	3770.63	2.931D 07	7863.45	8.821D 06
931.96	5.318D 04	1400.00	1.575D 08	3670.98	4.145D 07	3775.31	4.380D 07	8205.87	7.659D 06
934.26	5.588D 04	1419.35	1.591D 08	3676.71	4.257D 07	3784.22	5.696D 07	9205.87	8.041D 06
936.58	5.856D 04	1457.53	1.567D 08	3679.74	4.292D 07	3793.16	4.351D 07	8862.47	6.796D 06
937.80	5.738D 04	1497.83	1.534D 08	3680.27	4.293D 07	3797.20	2.806D 07	10448.64	3.787D 06
939.84	6.075D 04	1520.00	1.514D 08	3681.28	4.293D 07	3804.32	4.871D 07	12726.36	1.859D 06
943.74	7.113D 04	1545.12	1.507D 08	3682.28	4.302D 07	3816.55	6.390D 07	14380.00	1.190D 06
947.66	6.883D 04	1595.10	1.451D 08	3682.81	4.304D 07	3828.85	5.003D 07	15890.88	8.546D 05
949.74	6.685D 04	1648.41	1.391D 08	3683.50	4.302D 07	3835.38	2.773D 07	19843.04	3.708D 05
953.60	8.713D 04	1678.00	1.362D 08	3684.82	4.298D 07	3844.54	5.667D 07	26411.82	1.265D 05
961.00	1.292D 05	1723.39	1.321D 08	3686.13	4.283D 07	3862.03	6.994D 07	32000.00	6.038D 04
968.52	1.288D 05	1816.53	1.221D 08	3686.83	4.280D 07	3879.67	5.638D 07	34121.04	4.709D 04
972.54	8.902D 04	1920.32	1.130D 08	3687.05	4.267D 07	3889.05	2.705D 07	39024.39	2.796D 04
981.32	2.318D 05	1980.00	1.079D 08	3689.19	4.253D 07	3902.80	6.327D 07	45573.51	1.527D 04
998.42	5.339D 05	1991.74	1.071D 08	3690.73	4.205D 07	3929.14	7.275D 07	50000.00	1.062D 04
1016.12	4.938D 05	2014.39	1.053D 08	3691.55	4.198D 07	3955.84	6.347D 07	54724.75	7.455D 03
1025.72	1.599D 05	2037.56	1.036D 08	3692.52	4.176D 07	3970.07	2.683D 07	66666.67	3.430D 03
1037.82	1.088D 06	2050.00	1.026D 08	3694.35	4.170D 07	3992.20	6.815D 07	85275.25	1.298D 03

TEMP = 12000.0 LOG(G) = 4.50 X = 0.66667 Y = 0.33333											
I	TAJ	T <sub>z</sub>	PG	PE	RHO	KAPZ	DF(%)	C TE	XHE2	XHE3	
1	1.0000-08	7.8770 03	1.2140-03	5.7150-04	1.3190-15	2.6510-01	-9.0240-02	3.6690 02	9.9980-01	2.3930-03	1.1960-25
3	1.0000-07	7.8540 03	1.1940-02	5.6150-03	1.3020-14	2.6530-01	-9.0240-02	3.6580 02	9.9840-01	2.1780-04	8.6960-28
5	1.0000-06	7.9590 03	1.1860-01	5.5450-02	1.2820-13	2.6840-01	-9.0230-02	3.7080 02	9.8820-01	3.6870-05	4.4600-29
7	1.0000-05	8.4780 03	1.1120 00	5.1560-01	1.1370-12	3.0300-01	-9.0200-02	1.4280 02	9.7250-01	4.1560-05	8.0910-28
9	1.0000-04	8.9490 03	8.1260 00	3.6640 00	8.1490-12	5.0110-01	-8.9390-02	1.2280-01	9.2370-01	2.6750-05	1.8620-27
11	1.0000-03	8.7960 03	4.1990 01	1.5220 01	4.7350-11	1.0930 00	-7.5160-01	3.2640 00	7.0800-01	4.8960-06	4.9210-29
13	1.3590-03	8.8140 03	5.1780 01	1.9470 01	5.9250-11	1.2140 00	-8.3290-01	-2.8410 00	6.7780-01	4.3710-06	4.2410-29
15	1.9480-03	8.8520 03	6.3690 01	2.3460 01	7.3460-11	1.3620 00	-6.2730-01	-2.4890 00	6.5600-01	4.2180-06	4.6770-29
17	2.5120-03	8.9140 03	7.8060 01	2.8430 01	8.9980-11	1.5480 00	-4.5290-01	-2.1510 00	6.4440-01	4.4300-06	6.7670-29
19	3.4150-03	9.0980 03	9.5070 01	3.4570 01	1.0870-10	1.7790 00	-3.6220-03	-1.7790 00	6.4270-01	5.0250-06	1.2510-28
21	4.6420-03	9.0990 03	1.1510 02	4.2100 01	1.2960-10	2.0610 00	5.6390-01	-1.4130 00	6.4910-01	6.0540-06	2.7910-28
23	6.3100-03	9.2100 03	1.3850 02	5.1160 01	1.5330-10	2.3930 00	4.7370-01	-1.1660 00	6.5890-01	7.4800-06	6.7250-28
25	8.5770-03	9.3250 03	1.6600 02	6.1970 01	1.8030-10	2.7770 00	-5.3410-02	-1.0140 00	6.7020-01	9.3370-06	1.6670-27
27	1.1660-02	9.4410 03	1.9820 02	7.4760 01	2.1130-10	3.2140 00	-1.9300-01	-9.2930-01	6.8140-01	1.1620-05	4.0700-27
29	1.5850-02	9.5580 03	2.3600 02	8.9890 01	2.4700-10	3.7130 00	-1.1130-01	-1.1140 00	6.9230-01	1.4420-05	9.8110-27
31	2.1540-02	9.6850 03	2.8040 02	1.0810 02	2.8750-10	4.2930 00	-8.9350-02	-1.0490 00	7.0590-01	1.8310-05	2.5430-26
33	2.9290-02	9.8160 03	3.3250 02	1.2980 02	3.3380-10	4.9590 00	-1.7240-02	-9.4010-01	7.2020-01	2.3440-05	6.7370-26
35	3.9810-02	9.9620 03	3.9380 02	1.5590 02	3.8590-10	5.7330 00	4.5440-02	-7.0590-01	7.3750-01	3.0930-05	1.9620-25
37	5.4120-02	1.0110 04	4.6580 02	1.8710 02	4.4550-10	6.6130 00	-1.3350-02	-3.9910-01	7.5490-01	4.1040-05	5.8000-25
39	7.3560-02	1.0290 04	5.5060 02	2.2480 02	5.1190-10	7.6270 00	-6.4280-02	-3.0480-02	7.7630-01	5.7200-05	2.0000-24
41	1.0000-01	1.0490 04	6.5030 02	2.7070 02	5.8500-10	8.7860 00	-1.0140-01	6.5630-01	8.0240-01	8.5090-05	8.4680-24
43	1.2590-01	1.0660 04	7.3680 02	3.1150 02	6.4470-10	9.7390 00	-4.6990-03	1.0410 00	8.2410-01	1.1960-04	2.8550-23
45	1.9850-01	1.0850 04	8.3510 02	3.5860 02	7.0950-10	1.0750 01	1.4120-02	1.0730 00	8.4690-01	1.7460-04	1.0810-22
47	1.9950-01	1.1060 04	9.4740 02	4.1300 02	7.8070-10	1.1800 01	1.5330-01	9.7300-01	8.6940-01	2.6320-04	4.5230-22
49	3.1620-01	1.1540 04	1.0260 03	5.4780 02	8.6000-10	1.2890 01	3.5930-01	7.6770-01	8.9040-01	4.0560-04	2.0260-21
51	3.9810-01	1.1820 04	1.3990 03	6.3210 02	9.4880-10	1.5090 01	2.3590-01	-2.2390-01	9.2730-01	1.0510-03	5.3250-20
53	5.0120-01	1.2120 04	1.6020 03	7.3030 02	1.1620-09	1.6190 01	1.0640-01	-8.6000-01	9.4240-01	1.7580-03	3.0730-19
55	6.3100-01	1.2450 04	1.8410 03	8.4550 02	1.2930-09	1.7280 01	-2.1270-01	-6.2690-01	9.5520-01	3.0120-03	1.9160-18
57	7.9430-01	1.2800 04	2.1240 03	9.8070 02	1.4440-09	1.8360 01	-2.9090-01	-5.1930-03	9.6460-01	5.2140-03	1.2350-17
59	1.0000 00	1.3160 04	2.4590 03	1.1470 03	1.6190-09	1.9510 01	8.3450-02	2.4760-01	9.7150-01	8.9080-03	7.6720-17
61	1.2590 00	1.3540 04	2.8570 03	1.3290 03	1.8240-09	2.0770 01	4.3260-01	-4.4100-01	9.7690-01	1.4930-02	4.5220-16
63	1.5850 00	1.3900 04	3.3250 03	1.5510 03	2.0620-09	2.2280 01	4.3440-01	-5.4950-01	9.8070-01	2.3440-01	1.2340-02
65	1.9950 00	1.4380 04	3.8790 03	1.8160 03	2.3190-09	2.3480 01	-7.4590-02	-2.6900 00	9.8520-01	4.2120-02	1.6380-14
67	2.5120 00	1.4870 04	4.5410 03	2.1340 03	2.6150-09	2.4880 01	-8.9520-01	-1.6260 00	9.8850-01	7.2580-02	1.1120-13
69	3.1620 00	1.5350 04	5.3250 03	2.5130 03	2.9600-09	2.6590 01	-7.4650-01	1.6150 00	9.9090-01	1.1660-01	6.2810-13
71	3.9810 00	1.5790 04	6.2420 03	2.9580 03	3.3600-09	2.8790 01	3.5070-01	3.2570 00	9.9240-01	1.6800-01	2.5970-12
73	5.0120 00	1.6250 04	7.3060 03	3.4790 03	3.8050-09	3.1220 01	1.4210 00	-2.1020-01	9.9360-01	2.3440-01	1.0160-11
75	6.3100 00	1.6820 04	8.5510 03	4.1020 03	4.2750-09	3.3460 01	5.5770-01	-6.9760 00	9.9500-01	3.3850-01	5.0360-11
77	7.9430 00	1.7390 04	1.0010 04	4.8360 03	4.8090-09	3.5990 01	-6.7650-01	-6.3910 00	9.9530-01	4.4820-01	2.1160-10
79	1.0000 01	1.7980 04	1.1720 04	5.7000 03	5.4680-09	3.8700 01	-7.2190-01	-1.3050 00	9.9560-01	5.5990-01	8.0840-10
81	1.2590 01	1.8610 04	1.6060 04	6.7160 03	6.0830-09	4.1580 01	-3.1490-01	1.4790 00	9.9590-01	6.6410-01	2.8560-09
83	1.5850 01	1.9140 04	1.6060 04	7.8970 03	6.9780-09	4.4990 01	-6.9540-02	4.5930 00	9.9610-01	7.4020-01	8.0240-09
85	1.9950 01	1.9890 04	1.8800 04	9.2900 03	7.7300-09	4.7840 01	1.2310 00	-1.0800 00	9.9650-01	8.1810-01	2.6790-08
87	2.5120 01	2.0610 04	2.2050 04	1.0930 04	8.7200-09	5.0930 01	7.5460-02	-5.1620 00	9.9680-01	8.7300-01	8.0580-08
89	3.1620 01	2.1370 04	2.5880 04	1.2860 04	9.8510-09	5.4100 01	-7.9810-02	-1.9410 00	9.9710-01	9.1230-01	2.3220-07
91	3.9810 01	2.2210 04	3.0460 04	1.5160 04	1.1130-08	5.7130 01	-7.5140-01	-1.1230 00	9.9750-01	9.4140-01	6.8780-07
93	5.0120 01	2.3080 04	3.5900 04	1.7890 04	1.2610-08	5.0430 01	-4.7490-01	4.0390 00	9.9780-01	9.6050-01	1.9180-06
95	6.3100 01	2.4060 04	4.2410 04	2.1150 04	1.4280-08	6.3540 01	1.4480 00	-1.5930 00	9.9810-01	9.7400-01	5.5280-06
97	7.9430 01	2.5040 04	5.0160 04	2.5040 04	1.6210-08	6.7150 01	5.2470-01	6.3630-02	9.9830-01	9.8240-01	1.4650-05

TREF = 12000.0 LOG(G) = 4.50 X = 0.66667 Y = 0.33333									
JAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.429D-01	1061.56	7.159D 06	2050.00	1.053D 08	3696.18	4.242D 07	4034.83	7.077D 07
546.43	1.120D 00	1085.41	2.375D 07	2127.72	9.945D 07	3697.15	4.238D 07	4078.38	6.278D 07
649.38	5.162D 01	1100.00	3.394D 07	2292.47	8.858D 07	3698.31	4.227D 07	4101.73	2.399D 07
800.11	2.105D 03	1112.26	4.370D 07	2484.88	7.786D 07	3700.50	4.223D 07	4141.06	6.531C 07
911.76	1.357D 04	1136.26	5.989D 07	2600.00	7.231D 07	3702.69	4.124D 07	4217.72	6.452D 07
911.76	1.355D 04	1161.33	6.959D 07	2600.00	7.231D 07	3703.85	4.111D 07	4297.27	5.948D 07
913.07	2.637D 04	1175.00	6.537D 07	2677.27	6.889D 07	3705.25	4.114D 07	4340.46	2.238C 07
915.54	3.156E 04	1181.83	5.752D 07	2837.09	6.259C 07	3707.91	4.141D 07	4422.28	5.603D 07
918.03	3.516D 04	1194.99	2.622D 07	3017.20	5.654D 07	3710.56	3.995D 07	4586.15	5.048D 07
919.35	3.646D 04	1208.45	2.090D 06	3121.75	5.328D 07	3711.97	3.961D 07	4762.63	4.463C 07
919.63	3.665E 04	1215.67	6.765D 05	3121.76	5.328D 07	3713.69	4.010D 07	4861.32	1.786C 07
920.16	3.597D 04	1216.42	6.801D 05	3169.76	5.188D 07	3716.95	4.101D 07	4892.89	3.861C 07
920.68	3.742D 04	1217.93	7.959D 05	3264.93	4.926D 07	3720.21	3.856C 07	4953.86	3.946C 07
920.95	3.765D 04	1219.25	1.101D 06	3365.99	4.666C 07	3721.94	3.759D 07	5016.38	3.814C 07
921.34	3.791D 04	1220.00	1.298D 06	3421.87	4.530D 07	3724.08	3.930D 07	5050.00	3.738C 07
922.06	3.830D 04	1223.41	2.508D 06	3421.87	4.530D 07	3728.14	4.160D 07	5123.58	3.575D 07
922.77	3.872D 04	1229.92	1.055D 07	3458.74	4.443D 07	3732.22	3.770D 07	5269.12	3.274D 07
923.15	3.894D 04	1236.50	3.322D 07	3530.87	4.278D 07	3734.37	3.526D 07	5423.16	2.989D 07
924.63	3.975D 04	1243.96	4.632D 07	3606.08	4.115D 07	3737.09	3.908D 07	5508.11	2.845D 07
925.69	4.032D 04	1269.29	1.166D 08	3647.05	3.873D 07	3747.42	3.697D 07	5989.38	2.176D 07
926.22	4.075D 04	1289.23	1.328D 08	3649.67	3.865D 07	3750.15	3.178D 07	6352.76	1.796D 07
927.00	4.100D 04	1300.00	1.385D 08	3654.64	3.872D 07	3753.67	3.915D 07	6562.80	9.205C 06
928.48	4.144D 04	1316.23	1.448D 08	3659.52	3.910D 07	3760.36	4.694D 07	6797.77	1.441D 07
929.95	4.263D 04	1349.15	1.523D 08	3662.26	3.941D 07	3767.08	3.825D 07	7292.74	1.145D 07
930.75	4.306D 04	1381.65	1.560D 08	3665.27	3.984D 07	3770.63	2.946D 07	7865.45	8.903C 06
931.95	4.349D 04	1400.00	1.569D 08	3670.98	4.082D 07	3775.31	4.138D 07	8205.87	7.727D 06
934.26	4.484D 04	1419.35	1.585D 08	3676.71	4.181D 07	3784.22	5.237D 07	8205.87	8.121D 06
936.58	4.602D 04	1457.53	1.575D 08	3679.74	4.227D 07	3793.16	4.041D 07	8862.47	6.861D 06
937.80	4.695D 04	1497.83	1.553D 08	3680.27	4.234D 07	3797.90	2.728D 07	10448.64	3.819D 06
939.84	4.844D 04	1520.00	1.537D 08	3681.28	4.246D 07	3804.32	4.483D 07	12726.36	1.872D 06
943.74	5.354D 04	1545.12	1.529D 08	3682.28	4.258D 07	3816.55	5.928D 07	14380.00	1.197D 06
947.65	5.448D 04	1595.10	1.479D 08	3682.81	4.264D 07	3828.85	4.564D 07	15890.88	8.601D 05
949.74	5.474D 04	1648.41	1.423D 08	3683.50	4.271D 07	3835.38	2.646D 07	19843.04	3.726D 05
953.60	6.718D 04	1678.00	1.395D 08	3684.32	4.282D 07	3844.54	5.183D 07	26411.82	1.269D 05
961.00	9.305D 04	1723.39	1.353D 08	3686.13	4.289D 07	3862.03	6.622D 07	32000.00	6.050D 04
969.52	9.757D 04	1816.53	1.254D 08	3686.83	4.294D 07	3879.67	5.167D 07	34121.04	4.718D 04
972.54	7.240D 04	1920.32	1.160D 08	3687.04	4.296D 07	3889.05	2.549D 07	39024.39	2.798D 04
981.42	1.765D 05	1980.00	1.109D 08	3689.19	4.301D 07	3902.80	5.899D 07	45573.51	1.526D 04
998.42	3.723D 05	1991.74	1.100D 08	3690.73	4.290D 07	3929.14	7.109D 07	50000.00	1.061D 04
1016.12	3.532D 05	2014.39	1.091D 08	3691.55	4.292D 07	3955.84	5.956D 07	54724.75	7.444D 03
1025.72	1.324D 05	2037.56	1.063D 08	3692.52	4.287D 07	3970.07	2.514D 07	66666.67	3.420D 03
1037.62	6.443D 05	2050.00	1.053D 08	3694.35	4.287D 07	3992.20	6.581D 07	85275.25	1.292D 03

TEFF = 12000.0 LOG(G) = 2.50 X = 1.00000 Y = 0.0											
I	TAJ	TF	PG	PE	RHD	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	7.7920 03	7.7210-06	3.8610-06	6.0060-18	3.9750-01	-5.44970-01	3.6290 02	1.0000 00	0.0	0.0
3	1.0000-07	8.2240 03	7.5790-05	3.7890-05	5.5850-17	3.9750-01	-5.44970-01	-4.4560 02	1.0000 00	0.0	0.0
5	1.0000-06	8.2330 03	7.5640-04	3.7820-04	5.5680-16	3.9760-01	-5.44970-01	-4.4710 02	1.0000 00	0.0	0.0
7	1.0000-05	7.8810 03	7.5560-03	3.7760-03	5.8140-15	3.9780-01	-5.5640-01	-4.2800 02	9.9900-01	0.0	0.0
9	1.0000-04	8.4110 03	7.5080-02	3.7500-02	5.4170-14	4.0180-01	-7.9370-01	-2.1610 02	9.9760-01	0.0	0.0
11	1.0000-03	8.9670 03	7.1730-01	3.5760-01	4.8630-13	4.3320-01	-1.2960 00	1.4460 01	9.9380-01	0.0	0.0
13	1.3590-03	9.0130 03	9.6040-01	4.7840-01	6.4820-13	4.4440-01	-1.3150 00	1.4750 01	9.9250-01	0.0	0.0
15	1.8480-03	9.0210 03	1.2790 00	6.3660-01	8.6380-13	4.5960-01	-1.3290 00	1.4920 01	9.9020-01	0.0	0.0
17	2.5120-03	9.0300 03	1.6950 00	8.4200-01	1.1450-12	4.7920-01	-1.3400 00	1.4960 01	9.8740-01	0.0	0.0
19	3.4150-03	9.0430 03	2.2290 00	1.1060 00	1.5060-12	5.0400-01	-1.3520 00	1.5000 01	9.8400-01	0.0	0.0
21	4.6420-03	9.0600 03	2.9100 00	1.4400 00	1.9660-12	5.3490-01	-1.3560 00	1.5040 01	9.8010-01	0.0	0.0
23	6.3100-03	9.0840 03	3.7670 00	1.8600 00	2.5450-12	5.7270-01	-1.3450 00	1.5110 01	9.7570-01	0.0	0.0
25	8.5770-03	9.1160 03	4.8330 00	2.3810 00	3.2600-12	6.1830-01	-1.3260 00	1.5210 01	9.7110-01	0.0	0.0
27	1.1660-02	9.1610 03	6.1440 00	3.0210 00	4.1340-12	6.7210-01	-1.3000 00	1.5340 01	9.6690-01	0.0	0.0
29	1.5850-02	9.2230 03	7.7450 00	3.8010 00	5.1840-12	7.3420-01	-1.2590 00	1.5530 01	9.6370-01	0.0	0.0
31	2.1540-02	9.3080 03	9.6830 00	4.7480 00	6.4270-12	8.0470-01	-1.1890 00	1.5790 01	9.6220-01	0.0	0.0
33	2.9290-02	9.4190 03	1.2030 01	5.8990 00	7.8850-12	8.8320-01	-1.0920 00	1.6090 01	9.6270-01	0.0	0.0
35	3.9810-02	9.5560 03	1.4850 01	7.2940 00	9.5870-12	9.6930-01	-9.6400-01	1.6430 01	9.6500-01	0.0	0.0
37	5.4120-02	9.7180 03	1.8280 01	8.9930 00	1.1580-11	1.0630 00	-8.3720-01	1.6760 01	9.6850-01	0.0	0.0
39	7.3560-02	9.9050 03	2.2430 01	1.1060 01	1.3920-11	1.1650 00	-6.8250-01	1.7010 01	9.7270-01	0.0	0.0
41	1.0000-01	1.0120 04	2.7500 01	1.3590 01	1.6660-11	1.2720 00	-5.1660-01	1.7090 01	9.7710-01	0.0	0.0
43	1.2590-01	1.0300 04	3.2030 01	1.5860 01	1.9030-11	1.3560 00	-4.2920-01	1.7040 01	9.8040-01	0.0	0.0
45	1.5850-01	1.0510 04	3.7350 01	1.8520 01	2.1720-11	1.4410 00	-3.8460-01	1.6860 01	9.8360-01	0.0	0.0
47	1.9950-01	1.0730 04	4.3590 01	2.1650 01	2.4790-11	1.5300 00	-2.8920-01	1.6590 01	9.8650-01	0.0	0.0
49	2.5120-01	1.0980 04	5.1000 01	2.5360 01	2.8310-11	1.6210 00	-1.8660-01	1.6160 01	9.8920-01	0.0	0.0
51	3.1620-01	1.1250 04	5.9780 01	2.9760 01	3.2350-11	1.7140 00	-1.2950-01	1.5550 01	9.9140-01	0.0	0.0
53	3.9810-01	1.1550 04	7.0270 01	3.5020 01	3.7010-11	1.8100 00	-9.1030-02	1.4810 01	9.9340-01	0.0	0.0
55	5.0120-01	1.1860 04	8.2800 01	4.1290 01	4.2410-11	1.9110 00	-1.8680-02	1.3940 01	9.9490-01	0.0	0.0
57	6.3100-01	1.2200 04	9.7790 01	4.8800 01	4.8660-11	2.0180 00	-5.7140-02	1.3000 01	9.9610-01	0.0	0.0
59	7.9430-01	1.2570 04	1.1580 02	5.7810 01	5.5890-11	2.1270 00	-1.7770-01	1.2380 01	9.9710-01	0.0	0.0
61	1.0000 00	1.2970 04	1.3740 02	6.8630 01	6.4320-11	2.2440 00	-4.7300-02	1.1760 01	9.9760-01	0.0	0.0
63	1.2590 00	1.3380 04	1.6340 02	8.1640 01	7.4100-11	2.3700 00	-5.6630-02	1.0960 01	9.9800-01	0.0	0.0
65	1.5850 00	1.3830 04	1.9470 02	9.7290 01	8.5420-11	2.5020 00	-2.1090-01	1.0660 01	9.9830-01	0.0	0.0
67	1.9950 00	1.4300 04	2.3230 02	1.1610 02	9.8570-11	2.6460 00	-5.0180-02	1.0330 01	9.9860-01	0.0	0.0
69	2.5120 00	1.4780 04	2.7740 02	1.3860 02	1.1340-10	2.8060 00	-3.2200-02	9.3750 00	9.9890-01	0.0	0.0
71	3.1620 00	1.5290 04	3.3140 02	1.6560 02	1.3140-10	2.9710 00	-2.7090-01	9.2530 00	9.9910-01	0.0	0.0
73	3.9810 00	1.5840 04	3.9610 02	1.9800 02	1.5160-10	3.1140 00	-1.4490-01	9.5930 00	9.9920-01	0.0	0.0
75	5.0120 00	1.6390 04	4.7340 02	2.3660 02	1.7510-10	3.3480 00	-3.7450-01	8.1270 00	9.9940-01	0.0	0.0
77	6.3100 00	1.6960 04	5.6560 02	2.8270 02	2.0210-10	3.5630 00	-1.2060-01	6.6840 00	9.9950-01	0.0	0.0
79	7.9430 00	1.7570 04	6.7520 02	3.3750 02	2.3290-10	3.7820 00	-3.1130-01	7.4850 00	9.9950-01	0.0	0.0
81	1.0000 01	1.8210 04	8.0580 02	4.0280 02	2.6830-10	4.0210 00	-1.1040-01	7.3070 00	9.9950-01	0.0	0.0
83	1.2590 01	1.8870 04	9.6090 02	4.8040 02	3.0860-10	4.2720 00	-1.3320-01	6.6840 00	9.9950-01	0.0	0.0
85	1.5850 01	1.9590 04	1.1460 03	5.7260 02	3.5460-10	4.5310 00	-2.2800-04	7.0000 00	9.9950-01	0.0	0.0
87	1.9950 01	2.0310 04	1.3650 03	6.8230 02	4.0750-10	4.8210 00	-3.8430-01	5.0200 00	9.9950-01	0.0	0.0
89	2.5120 01	2.1060 04	1.6250 03	8.1230 02	4.6780-10	5.1130 00	-3.7400-02	3.1400 00	9.9950-01	0.0	0.0
91	3.1620 01	2.1900 04	1.9330 03	9.6610 02	5.3510-10	5.4220 00	-8.9260-03	3.1270 00	9.9960-01	0.0	0.0
93	3.9810 01	2.2780 04	2.2990 03	1.1490 03	6.1170-10	5.7280 00	-1.3340-01	2.6540 00	9.9960-01	0.0	0.0
95	5.0120 01	2.3750 04	2.7340 03	1.3670 03	6.9870-10	6.0430 00	-1.4640-01	2.6540 00	9.9960-01	0.0	0.0
97	6.3100 01	2.4740 04	3.2520 03	1.6260 03	7.9690-10	6.3610 00	5.6150-02	1.8030 00	9.9970-01	0.0	0.0
99	7.9430 01	2.5830 04	3.8690 03	1.9340 03	9.0810-10	6.6830 00	4.3860-02	1.5470 00	9.9970-01	0.0	0.0

TERR = 12000.0 LOG(G) = 2.50 X = 1.00000 Y = 0.0									
-LAM	F LAM	LAM	F LAM	-LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.2290-01	1061.56	6.9820 07	2050.00	9.9410 07	3696.18	3.6650 07	4034.83	6.6220 07
546.43	9.5010-01	1086.41	9.1810 07	2127.72	9.4310 07	3697.15	3.0950 07	4078.38	6.3820 07
649.39	4.3430 01	1100.00	1.0100 08	2252.47	8.4420 07	3698.31	3.7930 07	4101.73	1.7260 07
800.11	1.3130 03	1112.26	1.0800 08	2484.88	7.4520 07	3700.50	4.3650 07	4141.06	6.1660 07
911.76	1.2100 04	1136.26	1.1910 08	2600.00	6.9370 07	3702.69	3.6650 07	4217.72	5.8750 07
911.76	1.2090 04	1161.33	1.2690 08	2600.00	6.9370 07	3703.85	2.8140 07	4297.27	5.5630 07
913.07	3.8320 04	1175.00	1.2900 08	2677.27	6.6190 07	3705.25	3.8470 07	4340.46	1.5760 07
915.54	4.5820 04	1181.83	1.2860 08	2837.09	6.0190 07	3707.91	4.6930 07	4422.28	5.1340 07
918.03	5.1900 04	1194.99	1.2160 08	3017.20	5.4290 07	3710.56	3.8070 07	4586.15	4.6240 07
919.35	5.4030 04	1208.45	4.9130 07	3121.75	5.1200 07	3711.97	2.6220 07	4762.63	4.1380 07
919.63	5.4470 04	1215.67	1.1340 06	3121.76	5.1200 07	3713.69	4.0490 07	4861.32	1.3540 07
920.16	5.5060 04	1216.42	1.1400 06	3169.76	4.9880 07	3716.95	5.1180 07	4892.89	3.8020 07
920.68	5.5060 04	1217.83	1.9350 06	3264.93	4.7390 07	3720.21	4.0010 07	4953.86	3.6810 07
920.96	5.5550 04	1219.25	5.8930 06	3365.99	4.4920 07	3721.94	2.4560 07	5016.38	3.5470 07
921.34	5.7100 04	1220.00	1.1540 07	3421.87	4.3630 07	3724.08	4.3150 07	5050.00	3.4770 07
922.05	5.7780 04	1223.41	5.7540 07	3421.87	4.3630 07	3728.14	5.6210 07	5123.58	3.3290 07
922.77	5.9070 04	1229.92	1.1040 08	3458.74	4.2800 07	3732.22	4.3860 07	5269.12	3.0590 07
923.15	5.9650 04	1236.50	1.2360 08	3530.87	4.1230 07	3734.37	2.3650 07	5423.16	2.8020 07
923.68	6.0360 04	1240.00	1.3260 08	3606.08	3.9670 07	3737.09	4.7910 07	5508.11	2.6710 07
924.69	6.2480 04	1249.96	1.3940 08	3687.05	3.8850 07	3742.24	6.1510 07	5665.32	2.4490 07
925.69	6.3360 04	1269.29	1.4440 09	3647.05	3.7280 07	3747.42	4.8220 07	5989.38	2.0590 07
926.22	6.4140 04	1289.23	1.4670 08	3649.67	3.7290 07	3750.15	2.2810 07	6352.76	1.7100 07
927.00	6.5170 04	1300.00	1.4740 08	3654.64	3.8580 07	3760.36	6.6510 07	6797.77	1.3780 07
928.48	7.0130 04	1315.23	1.4790 08	3659.62	4.1410 07	3767.08	5.4460 07	7292.74	1.0980 07
929.93	6.8940 04	1348.15	1.4840 08	3662.26	4.2940 07	3770.63	2.2190 07	7865.45	8.5680 06
930.75	6.9950 04	1381.65	1.4800 08	3665.27	4.3980 07	3775.31	5.9650 07	8205.87	7.4490 06
931.96	7.3130 04	1400.00	1.4740 08	3670.98	4.2530 07	3784.22	7.0410 07	8205.87	7.6940 06
934.26	8.4950 04	1419.35	1.4650 08	3676.71	3.9850 07	3793.16	5.9840 07	8862.47	6.5130 06
936.58	8.1570 04	1457.53	1.4460 08	3679.74	3.8900 07	3804.32	6.4790 07	12726.36	1.8090 06
937.80	8.0530 04	1497.83	1.4220 08	3680.27	3.9430 07	3797.90	2.1340 07	14380.00	1.1610 06
939.84	9.5810 04	1520.00	1.4070 08	3691.28	3.9540 07	3816.55	7.2590 07	15890.88	9.3230 05
943.74	1.3230 05	1545.12	1.3870 08	3682.28	3.7960 07	3828.85	6.5500 07	19843.04	3.6270 05
947.66	1.1440 05	1595.10	1.3480 08	3682.81	3.6880 07	3835.38	2.0480 07	26411.82	1.2410 05
949.74	9.5470 04	1648.41	1.3050 08	3683.50	3.8410 07	3844.54	6.9040 07	32000.00	5.9400 04
953.60	1.6570 05	1678.00	1.2810 08	3684.82	3.9760 07	3862.03	7.2690 07	34121.04	4.6390 04
968.52	3.3670 05	1723.39	1.2410 08	3686.13	3.7450 07	3879.67	6.7990 07	39024.39	2.7600 04
972.54	1.3520 05	1816.53	1.1650 08	3686.83	3.5380 07	3889.05	1.9140 07	45573.51	1.5110 04
981.32	2.3370 06	1920.32	1.0960 08	3687.64	3.8030 07	3902.80	6.9700 07	50000.00	1.0530 04
998.42	1.2570 07	1980.00	1.0430 08	3689.19	4.0370 07	3929.14	7.0630 07	54724.75	7.4070 03
1016.12	1.2010 07	1991.74	1.0340 08	3690.73	3.6680 07	3955.84	6.7920 07	56666.67	3.4230 03
1025.72	2.2970 05	2014.39	1.0180 08	3691.55	3.3120 07	3970.07	1.7960 07	85275.25	1.3020 03
1037.62	2.8370 07	2037.56	1.0030 08	3692.52	3.7550 07	3992.20	6.7480 07		
		2050.00	9.9410 07	3694.35	4.1550 07				

TERR = 12000.0 LOG(G) = 3.00 X = 1.00000 Y = 0.0											
I	TAJ	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	7.9400-03	2.5260-05	1.2630-05	1.9290-17	3.9750-01	-1.0740-01	3.3210-02	1.0000-00	0.0	0.0
3	1.0000-07	7.9010-03	2.4810-04	1.2410-04	1.9040-16	3.9750-01	-1.0740-01	3.6800-02	1.0000-00	0.0	0.0
5	1.0000-06	7.8510-03	2.4770-03	1.2380-03	1.9120-15	3.9760-01	-1.0740-01	3.6570-02	9.9960-01	0.0	0.0
7	1.0000-05	8.2390-03	2.4710-02	1.2350-02	1.8190-14	3.9890-01	-1.0740-01	-2.8780-02	9.9880-01	0.0	0.0
9	1.0000-04	8.6310-03	2.4310-01	1.2130-01	1.7110-13	4.1090-01	-1.0720-01	-1.6430-01	9.9540-01	0.0	0.0
11	1.0000-03	8.9960-03	2.1650-00	1.0730-00	1.4710-12	5.0240-01	-1.0710-01	3.7100-01	9.8280-01	0.0	0.0
13	1.3590-03	9.9980-03	2.8390-00	1.4040-00	1.9340-12	5.3390-01	-1.1090-01	8.2450-01	9.7780-01	0.0	0.0
15	1.8480-03	9.0060-03	3.6930-00	1.8200-00	2.5210-12	5.7290-01	-1.2260-01	-7.0860-03	9.7190-01	0.0	0.0
17	2.5120-03	9.0140-03	4.7650-00	2.3400-00	3.2610-12	6.2080-01	-1.4380-01	-1.4640-01	9.6480-01	0.0	0.0
19	3.4150-03	9.0260-03	6.0940-00	2.9790-00	4.1820-12	6.7850-01	-1.4720-01	-2.2600-01	9.5670-01	0.0	0.0
21	4.6420-03	9.0450-03	7.7270-00	3.7610-00	5.3160-12	7.4700-01	-1.2800-01	-3.0480-01	9.4820-01	0.0	0.0
23	6.3100-03	9.0760-03	9.7210-00	4.7100-00	6.6930-12	8.2700-01	-1.0380-01	-3.6500-01	9.3990-01	0.0	0.0
25	8.5770-03	9.1230-03	1.2130-01	5.8570-00	8.3410-12	9.1930-01	-9.5050-02	-3.9290-01	9.3310-01	0.0	0.0
27	1.1660-02	9.1900-03	1.5050-01	7.2460-00	1.0290-11	1.0250-00	-1.1160-01	-3.9090-01	9.2880-01	0.0	0.0
29	1.5850-02	9.2810-03	1.8560-01	8.9300-00	1.2570-11	1.1450-00	-1.1690-01	-3.6080-01	9.2770-01	0.0	0.0
31	2.1540-02	9.3950-03	2.2760-01	1.0970-01	1.5220-11	1.2800-00	-1.1970-01	-3.3220-01	9.2980-01	0.0	0.0
33	2.9290-02	9.5260-03	2.7830-01	1.3440-01	1.8310-11	1.4310-00	-1.3660-01	-3.1750-01	9.3390-01	0.0	0.0
35	3.9810-02	9.6720-03	3.3390-01	1.6430-01	2.1920-11	1.6000-00	-9.5000-02	-3.2120-01	9.3900-01	0.0	0.0
37	5.4120-02	9.8350-03	4.1230-01	2.0040-01	2.6120-11	1.7860-00	-4.6450-02	-2.9090-01	9.4530-01	0.0	0.0
39	7.3560-02	1.0020-04	5.0060-01	2.4420-01	3.1000-11	1.9870-00	-9.0840-02	-1.8240-01	9.5260-01	0.0	0.0
41	1.0000-01	1.0240-04	6.0780-01	2.9770-01	3.6700-11	2.2020-00	-1.3500-01	-6.5080-03	9.6020-01	0.0	0.0
43	1.2590-01	1.0420-04	7.0350-01	3.4560-01	4.1610-11	2.3700-00	-5.1040-02	1.3410-01	9.6580-01	0.0	0.0
45	1.5850-01	1.0620-04	8.1460-01	4.0130-01	4.7170-11	2.5470-00	-6.0790-02	2.7830-01	9.7100-01	0.0	0.0
47	1.9950-01	1.0840-04	9.4460-01	4.6660-01	5.3440-11	2.7250-00	-6.0790-02	2.8230-01	9.7620-01	0.0	0.0
49	2.5120-01	1.1080-04	1.0970-02	5.4330-01	6.0610-11	2.9100-00	1.0040-01	1.8470-01	9.8080-01	0.0	0.0
51	3.1620-01	1.1340-04	1.2770-02	6.3370-01	6.8790-11	3.1000-00	1.5620-01	2.8670-01	9.8460-01	0.0	0.0
53	3.9810-01	1.1630-04	1.4910-02	7.4080-01	7.8180-11	3.2970-00	1.5400-01	1.9950-01	9.8790-01	0.0	0.0
55	5.0120-01	1.1940-04	1.7450-02	8.6920-01	8.9000-11	3.5000-00	1.7620-01	1.2340-01	9.9070-01	0.0	0.0
57	6.3100-01	1.2260-04	2.0450-02	1.0190-02	1.0140-10	3.7130-00	-8.7240-02	-3.7470-01	9.9280-01	0.0	0.0
59	7.9430-01	1.2630-04	2.4050-02	1.1990-02	1.1570-10	3.9240-00	-2.9730-01	-1.1320-01	9.9460-01	0.0	0.0
61	1.0000-00	1.3010-04	2.8370-02	1.4150-02	1.3240-10	4.1550-00	-1.1500-01	1.2820-01	9.9540-01	0.0	0.0
63	1.2590-00	1.3410-04	3.3500-02	1.6720-02	1.5170-10	4.4090-00	1.7130-01	6.7700-01	9.9620-01	0.0	0.0
65	1.5850-00	1.3810-04	3.9600-02	1.9770-02	1.7400-10	4.6920-00	2.3660-01	1.5540-00	9.9680-01	0.0	0.0
67	1.9950-00	1.4260-04	4.6880-02	2.3410-02	1.9940-10	4.9660-00	2.4110-01	-5.9320-01	9.9740-01	0.0	0.0
69	2.5120-00	1.4750-04	5.5560-02	2.7750-02	2.2860-10	5.2550-00	-2.8630-01	-2.3060-00	9.9790-01	0.0	0.0
71	3.1620-00	1.5260-04	6.5970-02	3.2960-02	2.6230-10	5.5640-00	-7.3680-01	-1.5080-00	9.9830-01	0.0	0.0
73	3.9810-00	1.5750-04	7.8360-02	3.9150-02	3.0170-10	5.9360-00	-3.0420-01	1.2690-00	9.9860-01	0.0	0.0
75	5.0120-00	1.6240-04	9.2980-02	4.6460-02	3.4720-10	6.3630-00	6.4400-01	2.3760-00	9.9890-01	0.0	0.0
77	6.3100-00	1.6780-04	1.1030-03	5.5100-02	3.9840-10	6.7840-00	3.3000-01	-4.1060-01	9.9910-01	0.0	0.0
79	7.9430-00	1.7370-04	1.3080-03	6.5350-02	4.5650-10	7.2050-00	-6.5690-02	-1.7300-00	9.9910-01	0.0	0.0
81	1.0000-01	1.7990-04	1.5510-03	7.7520-02	5.2590-10	7.6490-00	-2.5530-01	-1.4960-00	9.9910-01	0.0	0.0
83	1.2590-01	1.8630-04	1.8410-03	9.2010-02	5.9900-10	8.1280-00	-3.7870-01	-8.1170-02	9.9920-01	0.0	0.0
85	1.5850-01	1.9250-04	2.1840-03	1.0910-03	6.8760-10	8.7060-00	-8.3990-02	3.2880-00	9.9920-01	0.0	0.0
87	1.9950-01	1.9940-04	2.5980-03	1.2940-03	7.8710-10	9.2720-00	3.8650-01	1.2440-01	9.9920-01	0.0	0.0
89	2.5120-01	2.0640-04	3.0660-03	1.5330-03	9.0080-10	9.8910-00	-3.0830-04	-2.1450-00	9.9920-01	0.0	0.0
91	3.1620-01	2.1420-04	3.6320-03	1.8150-03	1.0280-09	1.0480-01	-3.1020-01	2.6090-01	9.9930-01	0.0	0.0
93	3.9810-01	2.2280-04	4.3050-03	2.1520-03	1.1720-09	1.1070-01	-2.3680-01	-2.3090-01	9.9930-01	0.0	0.0
95	5.0120-01	2.3160-04	5.1060-03	2.5520-03	1.3360-09	1.1710-01	-1.5500-01	1.0700-00	9.9940-01	0.0	0.0
97	6.3100-01	2.4130-04	6.0590-03	3.0290-03	1.5220-09	1.2350-01	2.9310-01	-8.9810-01	9.9940-01	0.0	0.0
99	7.9430-01	2.5140-04	7.1930-03	3.5960-03	1.7350-09	1.3040-01	4.9770-01	1.4910-01	9.9950-01	0.0	0.0



TEFF = 12000.0		LOG(G) =		X =		Y =		0.0	
_F_	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.2020 01	1061.56	5.0260 07	2050.00	9.8990 07	3696.18	3.6690 07	4034.83	6.8630 07
546.43	9.0740 01	1085.41	7.7180 07	2127.72	9.3670 07	3697.15	3.6880 07	4078.38	6.5510 07
649.38	3.3420 01	1100.00	8.9410 07	2292.47	8.3570 07	3698.31	3.7370 07	4101.73	2.8240 07
800.11	1.5190 03	1112.26	9.8930 07	2484.88	7.3650 07	3700.50	4.0680 07	4141.06	6.3780 07
911.76	9.8590 03	1136.26	1.1370 08	2600.00	6.8530 07	3702.69	3.6050 07	4217.72	6.0890 07
911.76	9.8490 03	1161.33	1.2360 08	2600.00	6.8530 07	3703.85	3.5530 07	4297.27	5.7430 07
913.07	3.1930 04	1175.00	1.2520 08	2677.27	6.5370 07	3705.25	3.7340 07	4340.46	2.5950 07
913.54	3.9890 04	1181.83	1.2380 08	2837.09	5.9440 07	3707.91	4.2780 07	4422.28	5.3010 07
918.03	4.6100 04	1194.99	1.6840 08	3017.20	5.3680 07	3710.56	3.6370 07	4586.15	4.7620 07
919.35	4.8470 04	1208.45	1.9730 07	3121.75	5.0660 07	3711.97	3.4290 07	4762.63	4.2470 07
919.63	4.8840 04	1215.67	9.7750 05	3121.76	5.0660 07	3713.69	3.8230 07	4861.32	2.0150 07
920.15	4.9340 04	1215.42	9.8280 05	3169.76	4.9350 07	3716.95	4.6000 07	4982.89	3.8760 07
920.68	5.0220 04	1217.83	1.4010 06	3264.93	4.6920 07	3720.21	3.7100 07	4953.86	3.7690 07
920.96	5.0720 04	1219.25	2.5340 06	3365.99	4.4490 07	3721.94	3.2590 07	5016.38	3.6300 07
921.34	5.1260 04	1220.00	3.8310 06	3421.87	4.3210 07	3724.08	3.9580 07	5050.00	3.5570 07
922.06	5.1480 04	1223.41	2.5900 07	3421.87	4.3210 07	3728.14	5.0460 07	5123.58	3.4030 07
922.77	5.2860 04	1229.92	8.6660 07	3458.74	4.2390 07	3732.22	3.9670 07	5269.12	3.1220 07
923.15	5.3310 04	1236.50	1.1670 08	3500.87	3.9310 07	3734.37	3.1860 07	5423.16	2.8550 07
923.63	5.3900 04	1240.00	1.2530 08	3606.08	3.9310 07	3737.09	4.3030 07	5508.11	2.7200 07
924.69	5.5540 04	1249.96	1.3860 08	3647.05	3.8500 07	3742.24	5.5930 07	5665.32	2.4910 07
925.69	5.6310 04	1269.29	1.4820 08	3647.05	3.6940 07	3747.42	4.2910 07	5989.38	2.0890 07
926.22	5.6890 04	1289.23	1.5200 08	3649.67	3.6910 07	3750.15	3.1000 07	6352.76	1.7310 07
927.00	5.7680 04	1300.00	1.5320 08	3654.64	3.7660 07	3753.67	4.7280 07	6562.80	1.0030 07
928.48	6.0960 04	1315.23	1.5440 08	3659.62	3.9490 07	3760.36	6.1970 07	6797.77	1.3920 07
929.96	6.0700 04	1348.15	1.5500 08	3662.26	4.0750 07	3767.08	4.8570 07	7292.74	1.1070 07
930.75	6.1520 04	1381.65	1.5440 08	3665.27	4.2090 07	3770.63	3.0970 07	7865.45	8.6290 06
931.96	6.3630 04	1400.00	1.5360 08	3670.98	4.3130 07	3775.31	5.3960 07	8205.87	7.4970 06
934.20	7.1210 04	1419.35	1.5280 08	3676.71	4.1780 07	3784.22	6.7620 07	8205.87	7.8280 06
936.58	6.9810 04	1457.53	1.5020 08	3679.74	4.0750 07	3793.16	5.4240 07	8862.47	6.6200 06
937.80	6.9550 04	1497.83	1.4700 08	3680.27	4.0470 07	3797.90	3.0620 07	10448.64	3.7030 06
939.84	7.8960 04	1520.00	1.4510 08	3681.28	4.0170 07	3804.32	6.0200 07	12726.36	1.8230 06
943.74	9.0250 04	1545.12	1.4300 08	3682.28	3.9830 07	3816.55	7.1950 07	14380.00	1.1680 06
947.66	9.1340 04	1595.10	1.3820 08	3682.81	3.9800 07	3828.85	6.1440 07	15890.88	8.3900 05
949.74	8.1940 04	1648.41	1.3310 08	3683.50	3.9500 07	3835.38	3.0880 07	19843.04	3.6470 05
953.60	1.2340 05	1678.00	1.3030 08	3684.82	3.9560 07	3844.54	6.6840 07	26411.82	1.2460 05
951.00	2.2850 05	1723.39	1.2590 08	3686.13	3.8810 07	3862.03	7.3810 07	32000.00	5.9540 04
958.52	2.0970 05	1816.53	1.1720 08	3686.83	3.8890 07	3879.67	6.6090 07	34121.04	4.6470 04
972.54	1.1320 05	1920.32	1.0980 08	3687.64	3.8750 07	3889.05	3.0350 07	39024.39	2.7620 04
981.32	5.8820 05	1980.00	1.0410 08	3689.19	3.9290 07	3902.80	6.9790 07	45573.51	1.5110 04
998.42	4.0310 06	1991.74	1.0320 08	3690.73	3.7630 07	3929.14	7.2800 07	50000.00	1.0530 04
1016.12	3.0980 06	2014.39	1.0150 08	3691.55	3.7790 07	3955.84	6.8520 07	54724.75	7.4000 03
1025.72	1.9670 05	2037.56	9.9870 07	3692.52	3.7700 07	3970.07	3.0100 07	66666.67	3.4160 03
1037.82	1.0530 07	2050.00	9.8990 07	3694.35	3.9640 07	3992.20	6.9230 07	85275.25	1.2980 03

TEFF = 12000.0 LOG(G) = 3.50 X = 1.00000 Y = 0.0											
I	TAJ	TE	PG	PE	RHD	XAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	8.1980 03	8.0740-05	4.0370-05	5.9690-17	3.9750-01	-1.3550-01	-4.0140 02	1.0000 00	0.0	0.0
3	1.0000-07	8.1720 03	7.9310-04	3.9660-04	5.8820-16	3.9760-01	-1.3550-01	-3.3420 02	1.0000 00	0.0	0.0
5	1.0000-06	8.1930 03	7.9120-03	3.9550-03	5.8550-15	3.9800-01	-1.3550-01	-3.7710 02	9.9960-01	0.0	0.0
7	1.0000-05	8.0650 03	7.8710-02	3.9230-02	5.9340-14	4.0160-01	-1.3550-01	3.6930 02	9.9370-01	0.0	0.0
9	1.0000-04	8.6750 03	7.5170-01	3.7350-01	5.2850-13	4.3790-01	-1.3510-01	2.0650 01	9.8740-01	0.0	0.0
11	1.0000-03	8.9680 03	5.8120 00	2.8360 00	4.0220-12	6.6940-01	-1.3320-01	1.5760 00	9.5330-01	0.0	0.0
13	1.3590-03	8.9660 03	7.4000 00	3.5880 00	5.1530-12	7.3770-01	-1.2380-01	1.5950 00	9.4140-01	0.0	0.0
15	1.8480-03	8.9660 03	9.3470 00	4.9880 00	6.5540-12	9.1810-01	-1.0510-01	1.5270 00	9.2780-01	0.0	0.0
17	2.5120-03	8.9740 03	1.1720 01	5.5840 00	8.2750-12	9.1150-01	-9.4500-02	1.4110 00	9.1320-01	0.0	0.0
19	3.4150-03	8.9920 03	1.4590 01	6.9090 00	1.0360-11	1.0190 00	-8.4420-02	1.2630 00	8.9890-01	0.0	0.0
21	4.6420-03	9.0270 03	1.8070 01	8.4900 00	1.2860-11	1.1430 00	-4.5830-02	1.1000 00	8.8660-01	0.0	0.0
23	6.3100-03	9.0820 03	2.2240 01	1.0400 01	1.5810-11	1.2850 00	4.3480-02	9.3170-01	9.7800-01	0.0	0.0
25	8.5770-03	9.1580 03	2.7260 01	1.2720 01	1.9260-11	1.4500 00	1.5400-02	7.7550-01	8.7410-01	0.0	0.0
27	1.1660-02	9.2530 03	3.3270 01	1.5520 01	2.3250-11	1.6390 00	-1.1240-01	6.4520-01	8.7470-01	0.0	0.0
29	1.5850-02	9.3640 03	4.0440 01	1.8910 01	2.7870-11	1.8560 00	-1.4010-01	5.5210-01	8.7830-01	0.0	0.0
31	2.1540-02	9.4860 03	4.9010 01	2.2990 01	3.3240-11	2.1020 00	-1.2460-01	5.1200-01	8.8380-01	0.0	0.0
33	2.9290-02	9.6190 03	5.9230 01	2.7910 01	4.9470-11	2.3810 00	-1.1030-01	5.5180-01	8.9100-01	0.0	0.0
35	3.9810-02	9.7670 03	7.1420 01	3.3830 01	6.6660-11	2.6940 00	-1.1630-01	6.2030-01	8.9980-01	0.0	0.0
37	5.4120-02	9.9350 03	8.6010 01	4.0990 01	5.4930-11	3.0410 00	-1.0650-01	6.9640-01	9.1040-01	0.0	0.0
39	7.3560-02	1.0120 04	1.0350 02	4.9650 01	6.4490-11	3.4210 00	-3.0520-02	8.4690-01	9.2190-01	0.0	0.0
41	1.0000-01	1.0330 04	1.2460 02	6.0140 01	7.5600-11	3.8340 00	8.3990-03	6.5720-01	9.3320-01	0.0	0.0
43	1.2590-01	1.0510 04	1.4320 02	6.9490 01	8.5050-11	4.1590 00	2.4880-02	7.5500-01	9.4230-01	0.0	0.0
45	1.5850-01	1.0710 04	1.6490 02	8.0370 01	9.5660-11	4.4970 00	-3.9080-02	5.5970-01	9.5110-01	0.0	0.0
47	1.9950-01	1.0920 04	1.9000 02	9.3060 01	1.0760-10	4.8450 00	6.3850-03	6.5420-01	9.5940-01	0.0	0.0
49	2.5120-01	1.1160 04	2.1940 02	1.0790 02	1.2120-10	5.2020 00	1.0850-01	7.5450-01	9.6690-01	0.0	0.0
51	3.1620-01	1.1410 04	2.5400 02	1.2530 02	1.3670-10	5.5730 00	2.6740-01	1.3010 00	9.7320-01	0.0	0.0
53	3.9810-01	1.1690 04	2.9460 02	1.4570 02	1.5440-10	5.9520 00	2.9580-01	2.8870-01	9.8340-01	0.0	0.0
55	5.0120-01	1.2000 04	3.4270 02	1.5990 02	1.7460-10	6.3300 00	2.9580-01	2.8870-01	9.8340-01	0.0	0.0
57	6.3100-01	1.2330 04	3.9980 02	1.9860 02	1.9780-10	6.7170 00	-1.5740-01	-4.9600-01	9.8730-01	0.0	0.0
59	7.9430-01	1.2680 04	4.6770 02	2.3270 02	2.2460-10	7.1250 00	-3.7360-01	-5.4410-01	9.9010-01	0.0	0.0
61	1.0000 00	1.3050 04	5.4840 02	2.7310 02	2.5590-10	7.5760 00	-3.1020-01	1.1330 00	9.9170-01	0.0	0.0
63	1.2590 00	1.3410 04	6.4390 02	3.2080 02	2.9190-10	8.0770 00	-1.5700-01	3.5240 00	9.9300-01	0.0	0.0
65	1.5850 00	1.3840 04	7.5760 02	3.7770 02	3.3270-10	8.5480 00	6.3570-02	2.5800 00	9.9440-01	0.0	0.0
67	1.9950 00	1.4280 04	8.9280 02	4.4540 02	3.7980-10	9.0660 00	4.7730-01	9.6180-01	9.9550-01	0.0	0.0
69	2.5120 00	1.4750 04	1.0540 03	5.2590 02	4.3380-10	9.6090 00	1.2920-01	-1.3320 00	9.9640-01	0.0	0.0
71	3.1620 00	1.5250 04	1.2460 03	6.2200 02	4.9580-10	1.0170 01	-5.2000-01	-1.6790 00	9.9710-01	0.0	0.0
73	3.9810 00	1.5730 04	1.4740 03	7.3600 02	5.6870-10	1.0880 01	-4.5590-01	1.7190 00	9.9770-01	0.0	0.0
75	5.0120 00	1.6220 04	1.7430 03	8.7050 02	6.5160-10	1.1640 01	1.5480-01	2.5700 00	9.9810-01	0.0	0.0
77	6.3100 00	1.6750 04	2.0600 03	1.0290 03	7.4610-10	1.2430 01	1.0920-01	1.5620 00	9.9850-01	0.0	0.0
79	7.9430 00	1.7300 04	2.4350 03	1.2170 03	8.5370-10	1.3250 01	1.1470-01	4.9130-01	9.9850-01	0.0	0.0
81	1.0000 01	1.7870 04	2.8780 03	1.4380 03	9.7700-10	1.4160 01	-2.9570-02	9.0340-01	9.9850-01	0.0	0.0
83	1.2590 01	1.8510 04	3.4030 03	1.7000 03	1.1150-09	1.5000 01	-3.0610-01	5.9980-01	9.9860-01	0.0	0.0
85	1.5850 01	1.9150 04	4.0250 03	2.0110 03	1.2750-09	1.6010 01	2.5690-01	2.5420 00	9.9860-01	0.0	0.0
87	1.9950 01	1.9800 04	4.7600 03	2.3780 03	1.4580-09	1.7100 01	5.0960-01	8.4930-01	9.9870-01	0.0	0.0
89	2.5120 01	2.0470 04	5.6250 03	2.8110 03	1.6660-09	1.8280 01	-1.9420-01	5.3400-01	9.9880-01	0.0	0.0
91	3.1620 01	2.1260 04	6.6500 03	3.3230 03	1.8970-09	1.9320 01	4.0690-01	1.0190 00	9.9890-01	0.0	0.0
93	3.9810 01	2.2080 04	7.8680 03	3.9320 03	2.1610-09	2.0470 01	5.5780-02	1.4830 00	9.9890-01	0.0	0.0
95	5.0120 01	2.2340 04	9.3150 03	4.6550 03	2.4620-09	2.1710 01	-9.3690-02	8.3820-01	9.9900-01	0.0	0.0
97	6.3100 01	2.3850 04	1.1030 04	5.5140 03	2.8050-09	2.3000 01	-1.3150-01	1.1090 00	9.9910-01	0.0	0.0
99	7.9430 01	2.4840 04	1.3080 04	6.5360 03	3.1920-09	2.4270 01	1.7470-02	9.6810-01	9.9920-01	0.0	0.0

Teff = 12000.0 LOG(G) = 3.50 X = 1.00000 Y = 0.0									
-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.069D-01	1061.56	3.205D 07	2050.00	9.992D 07	3698.18	3.767D 07	4034.83	7.009D 07
546.43	8.361D-01	1086.41	5.948D 07	2127.72	9.452D 07	3697.15	3.778D 07	4078.38	6.590D 07
649.38	3.813D 01	1103.00	7.277D 07	2292.47	8.410D 07	3698.31	3.796D 07	4101.73	2.661D 07
800.11	1.504D 03	1112.26	8.366D 07	2494.88	7.407D 07	3700.50	3.958D 07	4141.06	6.503D 07
911.76	9.743D 03	1135.26	1.016D 08	2600.00	6.891D 07	3702.69	3.665D 07	4217.72	6.240D 07
911.76	9.729D 03	1161.33	1.132D 08	2600.00	6.891D 07	3703.85	3.641D 07	4297.27	5.857D 07
913.07	2.784D 04	1175.00	1.137D 08	2677.27	6.572D 07	3705.25	3.745D 07	4340.46	2.454D 07
915.54	3.503D 04	1181.83	1.103D 08	2837.09	5.974D 07	3707.91	4.067D 07	4422.28	5.416D 07
918.03	4.048D 04	1194.99	8.490D 07	3017.20	5.398D 07	3710.53	3.638D 07	4586.15	4.860D 07
919.35	4.274D 04	1208.45	7.126D 06	3121.75	5.093D 07	3711.97	3.512D 07	4762.63	4.325D 07
919.63	4.313D 04	1215.67	8.655D 05	3121.76	5.093D 07	3713.69	3.773D 07	4861.32	1.930D 07
920.16	4.363D 04	1216.42	8.695D 05	3169.76	4.961D 07	3716.95	4.268D 07	4892.89	3.912D 07
920.68	4.460D 04	1217.83	1.144D 06	3264.93	4.715D 07	3720.21	3.606D 07	4953.86	3.834D 07
920.96	4.507D 04	1219.25	1.746D 06	3365.99	4.471D 07	3721.94	3.282D 07	5016.38	3.694D 07
921.34	4.550D 04	1220.00	2.229D 06	3421.97	4.342D 07	3724.08	3.800D 07	5050.00	3.619D 07
922.05	4.602D 04	1223.41	9.769D 06	3421.97	4.342D 07	3725.14	4.607D 07	5123.58	3.461D 07
923.77	4.698D 04	1229.92	5.594D 07	3458.74	4.259D 07	3732.89	3.743D 07	5269.12	3.172D 07
923.15	4.741D 04	1236.50	9.492D 07	3530.87	4.104D 07	3734.37	3.139D 07	5423.16	2.898D 07
923.68	4.795D 04	1240.00	1.078D 08	3606.08	3.949D 07	3737.09	4.012D 07	5503.11	2.759D 07
924.69	4.928D 04	1249.96	1.289D 08	3647.05	3.869D 07	3742.24	5.082D 07	5665.32	2.524D 07
925.69	4.996D 04	1269.29	1.451D 08	3647.05	3.714D 07	3747.42	3.941D 07	5989.38	2.115D 07
926.22	5.047D 04	1289.23	1.518D 08	3649.67	3.707D 07	3750.15	2.987D 07	6352.76	1.751D 07
927.00	5.116D 04	1300.00	1.538D 08	3654.64	3.751D 07	3753.67	4.304D 07	6562.80	9.759D 06
928.48	5.360D 04	1316.23	1.560D 08	3659.62	3.867D 07	3760.36	5.680D 07	6797.77	1.406D 07
929.96	5.373D 04	1348.15	1.577D 08	3662.26	3.954D 07	3767.08	4.385D 07	7292.74	1.117D 07
930.75	5.438D 04	1381.65	1.578D 08	3665.27	4.063D 07	3776.63	2.942D 07	7865.45	8.700D 06
931.96	5.597D 04	1400.00	1.573D 08	3670.98	4.234D 07	3779.31	4.874D 07	8205.87	7.556D 06
934.26	6.138D 04	1419.35	1.565D 08	3676.71	4.273D 07	3784.22	6.326D 07	8205.87	7.930D 06
936.58	6.081D 04	1457.53	1.539D 08	3679.74	4.227D 07	3793.16	4.897D 07	8862.47	6.703D 06
937.80	6.096D 04	1497.83	1.507D 08	3680.27	4.210D 07	3797.90	2.878D 07	10448.64	3.740D 06
939.84	6.743D 04	1520.00	1.487D 08	3681.28	4.184D 07	3804.32	5.498D 07	12726.36	1.837D 06
943.74	8.005D 04	1545.12	1.463D 08	3682.28	4.156D 07	3816.55	6.919D 07	14380.00	1.176D 06
947.66	7.746D 04	1595.10	1.412D 08	3682.81	4.148D 07	3828.85	5.643D 07	15890.88	8.452D 05
949.74	7.154D 04	1648.41	1.358D 08	3683.50	4.126D 07	3838.38	2.884D 07	19843.04	3.667D 05
953.60	9.937D 04	1678.00	1.329D 08	3684.82	4.098D 07	3844.54	6.285D 07	26411.82	1.251D 05
961.00	1.614D 05	1723.39	1.280D 08	3686.13	4.040D 07	3862.03	7.302D 07	32000.00	5.974D 04
968.52	1.513D 05	1816.53	1.190D 08	3686.83	4.034D 07	3879.67	6.236D 07	34121.04	4.661D 04
975.54	9.763D 04	1920.32	1.102D 08	3687.64	4.010D 07	3889.05	2.833D 07	39024.39	2.769D 04
981.32	2.942D 05	1980.00	1.054D 08	3689.19	4.002D 07	3902.80	6.781D 07	45573.51	1.513D 04
998.42	1.341D 06	1991.74	1.042D 08	3690.14	3.897D 07	3923.14	7.357D 07	50000.00	1.054D 04
1010.12	9.524D 05	2014.39	1.025D 08	3691.55	3.900D 07	3955.84	6.719D 07	54724.75	7.399D 03
1025.72	1.723D 05	2037.56	1.008D 08	3692.52	3.881D 07	3970.07	2.815D 07	66666.67	3.411D 03
1037.82	3.292D 06	2050.00	9.992D 07	3694.35	3.949D 07	3992.20	6.954D 07	85275.25	1.295D 03

TFF = 12000.0 LOG(G) = 4.00 X = 1.00000 Y = 0.0.0											
I	TAJ	TE	PG	PE	PHO	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-C8	8.2240 C3	2.5620-04	1.2810-04	1.8890-16	3.9750-01	-4.2160-01	-4.4660 02	1.0000 00	0.0	0.0
3	1.0000-C7	8.2800 C3	2.5160-03	1.2580-03	1.8420-15	3.9770-01	-4.2160-01	-4.4960 02	9.9990-01	0.0	0.0
5	1.0000-C6	8.2030 C3	2.5070-02	1.2530-02	1.8540-14	3.9890-01	-4.3470-01	-4.4540 02	9.9860-01	0.0	0.0
7	1.0000-C5	8.2420 C3	2.4680-01	1.2270-01	1.8210-13	4.1120-01	-7.1300-01	-1.5420 02	9.8850-01	0.0	0.0
9	1.0000-C4	8.7990 C3	2.1930 C0	1.0810 C0	1.5310-12	5.0900-01	-1.0600 00	8.2270 00	9.7330-01	0.0	0.0
11	1.0000-C3	8.9070 C3	1.3930 C0	1.0630 C0	1.0050-11	9.9450-01	-1.1090 00	1.1190 01	8.8570-01	0.0	0.0
13	1.3590-C3	8.9040 C3	1.7300 C1	9.6130 00	1.2650-11	1.1120 00	-1.0720 00	1.1210 01	8.6260-01	0.0	0.0
15	1.8480-C3	8.9110 C3	2.1390 C1	9.7660 00	1.5820-11	1.2440 00	-1.0310 00	1.1250 01	8.3980-01	0.0	0.0
17	2.5120-C3	8.9340 C3	2.6360 C1	1.1870 01	1.9650-11	1.3960 00	-9.7880-01	1.1320 01	8.1950-01	0.0	0.0
19	3.4150-C3	8.9760 C3	3.2320 C1	1.4410 01	2.4190-11	1.5720 00	-8.5500-01	1.1380 01	8.0440-01	0.0	0.0
21	4.6420-C3	9.0400 C3	3.9500 C1	1.7510 01	2.9490-11	1.7900 00	-6.0970-01	1.1470 01	7.9600-01	0.0	0.0
23	6.3100-C3	9.1250 C3	4.8080 C1	2.1290 C1	3.5580-11	2.0270 00	-3.4180-01	1.1530 01	7.9460-01	0.0	0.0
25	8.5770-C3	9.2270 C3	5.8240 C1	2.5860 01	4.2540-11	2.3150 00	-5.1220-01	1.1570 01	7.9850-01	0.0	0.0
27	1.1660-C2	9.3410 C3	7.0320 C1	3.1370 01	5.0540-11	2.6490 00	-6.4690-01	1.1670 01	8.0560-01	0.0	0.0
29	1.5850-C2	9.4600 C3	8.4650 C1	3.7980 01	5.9800-11	3.0300 00	-5.3490-01	1.1770 01	8.1380-01	0.0	0.0
31	2.1540-C2	9.5860 C3	1.0160 C2	4.5880 01	7.0490-11	3.4630 00	-4.4220-01	1.1820 01	8.2310-01	0.0	0.0
33	2.9290-C2	9.7170 C3	1.2170 C2	5.5330 01	8.2840-11	3.9580 00	-3.4520-01	1.1810 01	8.3330-01	0.0	0.0
35	3.9310-C2	9.8630 C3	1.4560 C2	6.6720 C1	9.6980-11	4.5210 00	-2.2930-01	1.1710 01	8.4540-01	0.0	0.0
37	5.4120-C2	1.0020 C4	1.7400 C2	8.0390 01	1.1320-10	5.1540 00	-1.5040-01	1.1510 01	8.5900-01	0.0	0.0
39	7.3520-C2	1.0210 C4	2.0770 C2	9.5930 01	1.3160-10	5.8580 00	-1.7060-01	1.1240 01	8.7490-01	0.0	0.0
41	1.0000-C1	1.0410 C4	2.4800 C2	1.1690 02	1.5270-10	6.6340 00	-1.5120-01	1.0980 01	8.9140-01	0.0	0.0
43	1.2590-C1	1.0580 C4	2.8340 C2	1.3460 02	1.7050-10	7.2550 00	-1.1290-01	1.0730 01	9.0470-01	0.0	0.0
45	1.5850-C1	1.0780 C4	3.2420 C2	1.5520 02	1.9010-10	7.8980 00	-1.2450-03	1.0330 01	9.1860-01	0.0	0.0
47	1.9950-C1	1.0980 C4	3.7130 C2	1.7910 02	2.1220-10	8.5690 00	-1.0440-01	9.7140 00	9.3130-01	0.0	0.0
49	2.5120-C1	1.1220 C4	4.2630 C2	2.0690 02	2.3700-10	9.2510 00	-2.0040-01	8.8750 00	9.4340-01	0.0	0.0
51	3.1620-C1	1.1470 C4	4.9010 C2	2.3930 C2	2.6510-10	9.9480 00	-2.9620-01	7.8030 00	9.5400-01	0.0	0.0
53	3.9810-C1	1.1750 C4	5.0520 C2	2.7740 C2	2.9700-10	1.0650 01	-1.5060-01	6.7050 00	9.6340-01	0.0	0.0
55	5.0120-C1	1.2050 C4	6.5380 C2	3.2210 C2	3.3360-10	1.1370 01	-2.7700-02	5.9950 00	9.7130-01	0.0	0.0
57	6.3100-C1	1.2380 C4	7.5850 C2	3.7500 C2	3.7550-10	1.2090 01	-3.4310-01	6.0480 00	9.7780-01	0.0	0.0
59	7.3430-C1	1.2730 C4	8.8270 C2	4.3750 C2	4.2390-10	1.2830 01	-3.2450-01	6.7710 00	9.8250-01	0.0	0.0
61	1.0000-C0	1.3100 C4	1.0310 C3	5.1160 C2	4.8030-10	1.3620 01	-1.6660-01	6.5300 00	9.8570-01	0.0	0.0
63	1.2590-C0	1.3480 C4	1.2060 C3	5.9930 C2	5.4540-10	1.4500 01	-4.4030-01	4.9070 00	9.8830-01	0.0	0.0
65	1.5850-C0	1.3840 C4	1.4120 C3	7.0260 C2	6.2120-10	1.5530 01	-2.5000-01	3.4110 00	9.9020-01	0.0	0.0
67	1.9950-C0	1.4320 C4	1.6570 C3	8.2560 C2	7.0430-10	1.6340 01	-2.8430-01	2.9840 00	9.9250-01	0.0	0.0
69	2.5120-C0	1.4680 C4	1.9510 C3	9.7270 C2	8.0130-10	1.7260 01	-9.3670-01	5.0620 00	9.9410-01	0.0	0.0
71	3.1620-C0	1.5280 C4	2.3010 C3	1.1490 C3	9.1470-10	1.8360 01	-6.5090-01	8.3040 00	9.9530-01	0.0	0.0
73	3.9810-C0	1.5720 C4	2.7130 C3	1.3540 C3	1.0480-09	1.9770 01	-5.6950-01	8.0940 00	9.9600-01	0.0	0.0
75	5.0120-C0	1.6170 C4	3.1940 C3	1.5940 C3	1.1990-09	2.1260 01	-1.2010 00	3.0720 00	9.9670-01	0.0	0.0
77	6.3100-C0	1.6750 C4	3.7640 C3	1.8800 C3	1.3640-09	2.2450 01	-2.2640-01	-1.3800 00	9.9740-01	0.0	0.0
79	7.3430-C0	1.7320 C4	4.4430 C3	2.2190 C3	1.5570-09	2.3860 01	-3.3120-01	4.9460-02	9.9750-01	0.0	0.0
81	1.0000-C1	1.7900 C4	5.2450 C3	2.6200 C3	1.7780-09	2.5430 01	-5.9430-01	4.2910 00	9.9760-01	0.0	0.0
83	1.2590-C1	1.8510 C4	6.1950 C3	3.0940 C3	2.0310-09	2.7110 01	-1.0910-01	6.3590 00	9.9770-01	0.0	0.0
85	1.5850-C1	1.9070 C4	7.3110 C3	3.6010 C3	2.3260-09	2.9240 01	-1.4910-01	7.8360 00	9.9780-01	0.0	0.0
87	1.9950-C1	1.9770 C4	8.6250 C3	4.3080 C3	2.6470-09	3.0970 01	-1.1560 00	2.6200 00	9.9800-01	0.0	0.0
89	2.5120-C1	2.0470 C4	1.0180 C4	5.3860 C3	3.0180-09	3.2970 01	-7.3750-02	-8.9900-01	9.9810-01	0.0	0.0
91	3.1620-C1	2.1200 C4	1.2020 C4	6.0060 C3	3.4410-09	3.5120 01	-1.3860-01	2.0550 00	9.9820-01	0.0	0.0
93	3.9810-C1	2.2000 C4	1.4210 C4	7.0980 C3	3.9170-09	3.7240 01	-7.9480-01	2.4370 00	9.9840-01	0.0	0.0
95	5.0120-C1	2.2840 C4	1.6980 C4	8.9920 C3	4.4610-09	3.9560 01	-4.5860-01	6.9550 00	9.9860-01	0.0	0.0
97	6.3100-C1	2.3790 C4	1.9880 C4	9.9320 C3	5.0670-09	4.1650 01	-1.1130 00	1.7570 00	9.9870-01	0.0	0.0
99	7.3430-C1	2.4750 C4	2.3540 C4	1.1770 C4	5.7680-09	4.4090 01	-2.5850-01	2.4380 00	9.9890-01	0.0	0.0

TREF = 12000.0 LOG(G) = 4.00 X = 1.00000 Y = 0.0									
_AM	F LAM		LAM		F LAM		LAM		F LAM
	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	
504.26	1.2610-01	1061.56	1.779D 07	2050.00	1.019D 03	3695.18	3.971D 07	4034.83	7.075D 07
546.43	9.630D-01	1085.41	4.233D 07	2127.72	9.617D 07	3697.15	3.887D 07	4078.38	6.525D 07
649.38	4.304D 01	1100.00	5.440D 07	2292.47	8.574D 07	3698.31	3.963D 07	4101.73	1.775D 07
800.11	1.713D 03	1112.26	6.507D 07	2484.88	7.543D 07	3700.50	4.007D 07	4141.06	6.551D 07
911.76	1.134D 04	1136.26	8.417D 07	2600.00	7.008D 07	3702.69	3.823D 07	4217.72	6.344D 07
911.76	1.132D 04	1161.33	9.640D 07	2600.00	7.008D 07	3703.85	3.674D 07	4297.27	5.923D 07
913.07	2.794D 04	1175.00	9.484D 07	2677.27	6.681D 07	3705.25	3.857D 07	4340.46	1.580D 07
915.54	3.476D 04	1181.83	8.948D 07	2837.09	6.076D 07	3707.91	4.012D 07	4422.28	5.508D 07
918.03	4.042D 04	1194.99	5.706D 07	3017.20	5.490D 07	3710.56	3.750D 07	4586.15	4.949D 07
919.35	4.240D 04	1208.45	3.431D 06	3121.75	5.178D 07	3711.97	3.475D 07	4762.63	4.393D 07
919.63	4.266D 04	1215.57	7.837D 05	3121.76	5.178D 07	3713.69	3.834D 07	4861.32	1.297D 07
920.16	4.305D 04	1216.42	7.873D 05	3169.76	5.043D 07	3716.95	4.104D 07	4892.89	3.913D 07
920.68	4.368D 04	1217.83	9.815D 05	3264.93	4.792D 07	3720.21	3.651D 07	4953.86	3.888D 07
920.96	4.421D 04	1219.25	1.406D 06	3365.99	4.542D 07	3721.94	3.122D 07	5016.38	3.749D 07
921.34	4.436D 04	1220.00	1.700D 06	3421.87	4.411D 07	3724.08	3.795D 07	5050.00	3.673D 07
922.06	4.481D 04	1223.41	4.410D 06	3421.87	4.411D 07	3728.14	4.319D 07	5123.58	3.512D 07
922.77	4.531D 04	1229.92	2.976D 07	3458.74	4.328D 07	3732.22	3.677D 07	5269.12	3.217D 07
923.15	4.558D 04	1236.50	6.630D 07	3530.87	4.169D 07	3734.37	2.808D 07	5423.16	2.938D 07
923.68	4.595D 04	1240.00	8.302D 07	3606.08	4.012D 07	3737.09	3.888D 07	5508.11	2.797D 07
924.69	4.659D 04	1249.96	1.125D 08	3647.05	3.929D 07	3742.24	4.675D 07	5665.32	2.559D 07
925.69	4.724D 04	1269.29	1.360D 08	3647.05	3.776D 07	3747.42	3.752D 07	5899.38	2.142D 07
926.22	4.758D 04	1289.23	1.465D 08	3749.67	3.768D 07	3750.15	2.487D 07	6352.76	1.770D 07
927.00	4.808D 04	1300.00	1.499D 08	3654.64	3.792D 07	3753.67	4.046D 07	6562.80	7.480D 06
928.48	4.905D 04	1316.23	1.537D 08	3659.62	3.864D 07	3760.36	5.198D 07	6797.77	1.421D 07
929.95	5.005D 04	1348.15	1.573D 08	3662.26	3.921D 07	3767.08	4.055D 07	7292.74	1.129D 07
930.75	5.057D 04	1381.65	1.583D 08	3665.27	3.996D 07	3770.63	2.312D 07	7865.45	8.785D 06
931.96	5.135D 04	1400.00	1.592D 08	3670.98	4.145D 07	3775.31	4.466D 07	8205.87	7.627D 06
934.26	5.434D 04	1419.35	1.585D 08	3676.71	4.251D 07	3784.22	5.843D 07	8662.47	6.775D 06
936.58	5.479D 04	1457.53	1.562D 08	3679.74	4.273D 07	3793.16	4.453D 07	10448.64	3.775D 06
937.80	5.551D 04	1497.83	1.529D 08	3680.27	4.277D 07	3797.90	2.184D 07	12726.36	1.852D 06
939.84	5.920D 04	1520.00	1.512D 08	3681.28	4.276D 07	3804.32	5.004D 07	14380.00	1.185D 06
943.74	6.913D 04	1545.12	1.495D 08	3682.28	4.263D 07	3816.55	6.523D 07	15890.88	8.517D 05
947.66	6.721D 04	1595.10	1.461D 08	3682.81	4.253D 07	3828.85	5.144D 07	19843.04	3.693D 05
949.74	6.474D 04	1648.41	1.385D 08	3683.50	4.260D 07	3835.38	2.117D 07	32000.00	6.007D 04
953.60	8.463D 04	1678.00	1.356D 08	3684.82	4.253D 07	3844.54	5.815D 07	34121.04	4.685D 04
951.00	1.248D 05	1723.39	1.309D 08	3686.13	4.216D 07	3852.03	7.084D 07	39024.39	2.781D 04
958.52	1.246D 05	1816.53	1.214D 08	3686.83	4.191D 07	3879.67	5.782D 07	45573.51	1.519D 04
972.54	8.071D 04	1920.32	1.122D 08	3687.64	4.199D 07	3889.05	2.034D 07	50000.00	1.057D 04
981.32	2.236D 05	1980.00	1.073D 08	3689.19	4.184D 07	3902.80	6.451D 07	54724.75	7.418D 03
998.42	5.878D 05	1991.74	1.063D 08	3690.73	4.109D 07	3929.14	7.307D 07	66666.67	3.414D 03
1016.12	5.158D 05	2014.39	1.046D 08	3691.55	4.058D 07	3955.84	6.454D 07	85275.25	1.294D 03
1025.72	1.556D 05	2037.56	1.028D 08	3692.52	4.088D 07	3970.07	1.931D 07		
1037.82	1.264D 06	2050.00	1.019D 08	3694.35	4.090D 07	3992.20	6.862D 07		

TEFF = 12000.0    LOG(G) = 4.50    X = 1.00000    Y = 0.0											
I	TAJ	TE	PG	PE	RHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	8.316D 03	8.109D-04	4.054D-04	5.910D-16	3.976D-01	-3.542D-01	-4.516D 02	1.000C 00	0.0	0.0
3	1.0003-07	8.293D 03	7.962D-03	3.981D-03	5.820D-15	3.980D-01	-3.642D-01	-4.503D 02	9.997D-01	0.0	0.0
5	1.0003-06	8.243D 03	7.907D-02	3.946D-02	5.826D-14	4.020D-01	-2.455D-01	-4.476D 02	9.961D-01	0.0	0.0
7	1.0003-05	8.576D 03	7.554D-01	3.747D-01	5.382D-13	4.388D-01	-7.180D-01	-8.029D 01	9.841D-01	0.0	0.0
9	1.0003-04	8.845D 03	5.828D 00	2.882D 00	4.119D-12	6.752D-01	-9.983D-01	8.077D 00	9.355D-01	0.0	0.0
11	1.0003-03	8.813D 03	3.112D 01	1.337D 01	2.441D-11	1.477D 00	-1.045D 00	7.730D 00	7.535D-01	0.0	0.0
13	1.3593-03	8.824D 03	3.835D 01	1.609D 01	3.058D-11	1.643D 00	-1.041D 00	9.562D 00	7.228D-01	0.0	0.0
15	1.8463-03	8.854D 03	4.715D 01	1.939D 01	3.799D-11	1.839D 00	-9.597D-01	9.740D 00	6.988D-01	0.0	0.0
17	2.5123-03	8.907D 03	5.778D 01	2.347D 01	4.670D-11	2.079D 00	-9.100D-01	9.834D 00	6.838D-01	0.0	0.0
19	3.4153-03	8.985D 03	7.045D 01	2.850D 01	5.660D-11	2.377D 00	-4.894D-01	9.930D 00	6.794D-01	0.0	0.0
21	4.6423-03	9.083D 03	8.545D 01	3.470D 01	6.773D-11	2.742D 00	6.310D-02	9.938D 00	6.838D-01	0.0	0.0
23	6.3103-03	9.191D 03	1.031D 02	4.219D 01	8.037D-11	3.171D 00	1.188D-01	9.880D 00	6.923D-01	0.0	0.0
25	8.5773-03	9.297D 03	1.238D-02	5.098D 01	9.499D-11	3.656D 00	-3.552D-01	9.857D 00	6.998D-01	0.0	0.0
27	1.1663-02	9.411D 03	1.482D 02	6.153D 01	1.117D-10	4.219D 00	-4.915D-01	9.912D 00	7.092D-01	0.0	0.0
29	1.5953-02	9.531D 03	1.769D 02	7.414D 01	1.307D-10	4.870D 00	-3.260D-01	9.925D 00	7.214D-01	0.0	0.0
31	2.1543-02	9.657D 03	2.107D 02	8.917D 01	1.525D-10	5.615D 00	-2.280D-01	9.875D 00	7.339D-01	0.0	0.0
33	2.9293-02	9.791D 03	2.504D 02	1.072D 02	1.773D-10	6.475D 00	-1.055D-02	9.742D 00	7.483D-01	0.0	0.0
35	3.9813-02	9.931D 03	2.973D 02	1.286D 02	2.058D-10	7.454D 00	-1.055D-02	9.499D 00	7.629D-01	0.0	0.0
37	5.4123-02	1.009D 04	3.523D 02	1.546D 02	2.375D-10	8.587D 00	-1.737D-02	9.163D 00	7.819D-01	0.0	0.0
39	7.3563-02	1.027D 04	4.174D 02	1.858D 02	2.733D-10	9.868D 00	-4.258D-02	8.820D 00	8.026D-01	0.0	0.0
41	1.0003-01	1.047D 04	4.942D 02	2.238D 02	3.129D-10	1.131D 01	-6.480D-02	8.471D 00	8.277D-01	0.0	0.0
43	1.2593-01	1.065D 04	5.611D 02	2.573D 02	3.459D-10	1.248D 01	8.752D-03	8.146D 00	8.471D-01	0.0	0.0
45	1.5853-01	1.084D 04	6.375D 02	2.962D 02	3.816D-10	1.372D 01	7.128D-03	7.745D 00	8.679D-01	0.0	0.0
47	1.9953-01	1.105D 04	7.250D 02	3.410D 02	4.213D-10	1.500D 01	1.729D-02	7.350D 00	8.877D-01	0.0	0.0
49	2.5123-01	1.128D 04	8.261D 02	3.927D 02	4.656D-10	1.632D 01	1.791D-01	5.783D 00	9.062D-01	0.0	0.0
51	3.1623-01	1.153D 04	9.432D 02	4.527D 02	5.158D-10	1.767D 01	2.368D-01	5.900D 00	9.228D-01	0.0	0.0
53	3.9813-01	1.180D 04	1.080D 03	5.226D 02	5.723D-10	1.902D 01	2.494D-01	4.954D 00	9.378D-01	0.0	0.0
55	5.0123-01	1.210D 04	1.240D 03	6.043D 02	6.369D-10	2.039D 01	2.314D-01	3.944D 00	9.506D-01	0.0	0.0
57	6.3103-01	1.243D 04	1.429D 03	7.003D 02	7.105D-10	2.174D 01	-2.088D-01	3.643D 00	9.616D-01	0.0	0.0
59	7.9433-01	1.278D 04	1.652D 03	8.135D 02	7.954D-10	2.305D 01	-4.362D-01	4.503D 00	9.699D-01	0.0	0.0
61	1.0003-00	1.315D 04	1.918D 03	9.473D 02	8.947D-10	2.446D 01	-2.514D-01	5.464D 00	9.758D-01	0.0	0.0
63	1.2593-00	1.353D 04	2.234D 03	1.106D 03	1.011D-09	2.604D 01	1.590D-02	5.540D 00	9.804D-01	0.0	0.0
65	1.5853-00	1.389D 04	2.605D 03	1.292D 03	1.146D-09	2.790D 01	5.444D-01	4.435D 00	9.836D-01	0.0	0.0
67	1.9953-00	1.434D 04	3.045D 03	1.513D 03	1.295D-09	2.946D 01	5.329D-01	1.293D 00	9.872D-01	0.0	0.0
69	2.5123-00	1.483D 04	3.570D 03	1.776D 03	1.466D-09	3.108D 01	-4.304D-01	4.151D-01	9.900D-01	0.0	0.0
71	3.1623-00	1.533D 04	4.198D 03	2.091D 03	1.666D-09	3.288D 01	-1.009D 00	3.300D 00	9.922D-01	0.0	0.0
73	3.9813-00	1.579D 04	4.940D 03	2.462D 03	1.903D-09	3.530D 01	-2.241D-01	5.885D 00	9.935D-01	0.0	0.0
75	5.0123-00	1.623D 04	5.807D 03	2.896D 03	2.175D-09	3.807D 01	7.109D-01	4.909D 00	9.945D-01	0.0	0.0
77	6.3103-00	1.676D 04	6.827D 03	3.406D 03	2.475D-09	4.053D 01	3.495D-01	1.411D 00	9.956D-01	0.0	0.0
79	7.9433-00	1.732D 04	8.036D 03	4.009D 03	2.818D-09	4.306D 01	-2.096D-01	5.862D-01	9.959D-01	0.0	0.0
81	1.0003-01	1.792D 04	9.469D 03	4.725D 03	3.209D-09	4.572D 01	-2.394D-01	1.661D 00	9.961D-01	0.0	0.0
83	1.2593-01	1.854D 04	1.117D 04	5.574D 03	3.658D-09	4.866D 01	-3.728D-01	2.809D 00	9.964D-01	0.0	0.0
85	1.5853-01	1.911D 04	1.317D 04	6.571D 03	4.182D-09	5.236D 01	-1.310D-01	5.242D 00	9.965D-01	0.0	0.0
87	1.9953-01	1.977D 04	1.552D 04	7.745D 03	4.764D-09	5.581D 01	7.036D-01	2.285D 00	9.968D-01	0.0	0.0
89	2.5123-01	2.045D 04	1.829D 04	9.130D 03	5.429D-09	5.959D 01	-9.218D-02	7.690D-01	9.971D-01	0.0	0.0
91	3.1623-01	2.120D 04	2.156D 04	1.077D 04	6.174D-09	6.327D 01	2.548D-02	2.148D 00	9.973D-01	0.0	0.0
93	3.9813-01	2.202D 04	2.546D 04	1.272D 04	7.017D-09	6.696D 01	-5.168D-01	2.115D 00	9.976D-01	0.0	0.0
95	5.0123-01	2.289D 04	3.009D 04	1.503D 04	7.978D-09	7.085D 01	-1.236D-01	3.633D 00	9.979D-01	0.0	0.0
97	6.3103-01	2.381D 04	3.561D 04	1.779D 04	9.073D-09	7.497D 01	2.391D-01	1.111D 00	9.982D-01	0.0	0.0
99	7.9433-01	2.478D 04	4.216D 04	2.106D 04	1.032D-08	7.935D 01	8.174D-01	1.868D 00	9.984D-01	0.0	0.0

TEFF = 12000.0 LOG(G) = 4.50 X = 1.00000 Y = 0.0									
_AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.20	1.562D-01	1061.56	8.851D 06	2050.00	1.044D 03	3696.18	4.193D 07	4034.83	7.085D 07
546.43	1.193D 00	1086.41	2.622D 07	2127.72	9.862D 07	3697.15	4.150D 07	4078.38	6.348D 07
649.38	5.116D 01	1100.00	3.824D 07	2298.47	8.783D 07	3698.31	4.174D 07	4101.73	1.834D 07
800.11	1.482D 03	1112.26	4.877D 07	2484.88	7.719D 07	3700.50	4.168D 07	4141.06	6.543D 07
911.76	1.139D 04	1136.26	5.581D 07	2600.00	7.139D 07	3702.69	4.051D 07	4217.72	6.429D 07
911.76	1.133D 04	1161.33	7.589D 07	2600.00	7.173D 07	3703.85	3.969D 07	4297.27	5.947D 07
913.07	2.817D 04	1175.00	7.240D 07	2677.27	6.836D 07	3705.25	4.043D 07	4340.46	1.636D 07
915.54	3.269D 04	1181.83	6.475D 07	2837.09	6.212D 07	3707.91	4.092D 07	4422.28	5.581D 07
918.03	3.597D 04	1194.99	3.186D 07	3017.20	5.610D 07	3710.56	3.925D 07	4586.15	5.023D 07
919.35	3.718D 04	1208.45	2.256D 06	3121.75	5.288D 07	3711.97	3.782D 07	4762.63	4.447D 07
919.63	3.744D 04	1215.67	6.908D 05	3121.76	5.288D 07	3713.69	3.955D 07	4861.32	1.298D 07
920.16	3.779D 04	1216.42	6.939D 05	3169.76	5.150D 07	3716.95	4.078D 07	4892.89	3.879D 07
920.63	3.821D 04	1217.83	8.250D 05	3264.93	4.891D 07	3720.21	3.794D 07	4953.86	3.933D 07
920.96	3.843D 04	1219.25	1.149D 06	3365.99	4.634D 07	3721.94	3.492D 07	5016.38	3.799D 07
921.34	3.899D 04	1220.00	1.358D 06	3421.87	4.499D 07	3724.08	3.883D 07	5050.00	3.723D 07
922.06	3.911D 04	1223.41	2.737D 06	3421.87	4.499D 07	3728.14	4.173D 07	5123.58	3.560D 07
922.77	3.960D 04	1229.92	1.329D 07	3458.74	4.412D 07	3732.22	3.728D 07	5269.12	3.261D 07
923.15	3.981D 04	1236.50	3.989D 07	3530.87	4.248D 07	3734.37	3.161D 07	5423.16	2.977D 07
923.68	4.010D 04	1240.00	5.388D 07	3605.08	4.086D 07	3737.09	3.884D 07	5508.11	2.834D 07
924.69	4.068D 04	1249.96	8.800D 07	3647.05	4.000D 07	3742.24	4.391D 07	5665.32	2.592D 07
925.69	4.126D 04	1269.29	1.224D 08	3647.05	3.847D 07	3747.42	3.637D 07	5899.38	2.168D 07
926.22	4.153D 04	1289.23	1.376D 08	3649.67	3.838D 07	3750.15	2.726D 07	6352.76	1.790D 07
927.00	4.193D 04	1300.00	1.426D 08	3654.64	3.848D 07	3753.67	3.922D 07	6562.80	7.177D 06
928.48	4.243D 04	1316.23	1.480D 08	3659.62	3.892D 07	3760.36	4.793D 07	6797.77	1.436D 07
929.95	4.394D 04	1348.15	1.544D 08	3662.26	3.928D 07	3767.08	3.855D 07	7292.74	1.141D 07
930.75	4.397D 04	1381.65	1.575D 08	3665.27	3.978D 07	3770.63	2.438D 07	7865.45	8.875D 06
931.96	4.455D 04	1400.00	1.582D 08	3670.98	4.088D 07	3775.31	4.191D 07	8205.87	7.703D 06
934.26	4.611D 04	1419.35	1.585D 08	3676.71	4.194D 07	3784.22	5.370D 07	8205.87	8.097D 06
936.58	4.716D 04	1457.53	1.575D 08	3679.74	4.238D 07	3793.16	4.117D 07	8862.47	6.842D 06
937.80	4.803D 04	1497.83	1.551D 08	3680.27	4.247D 07	3797.90	2.209D 07	10448.64	3.809D 06
939.84	5.001D 04	1520.00	1.537D 08	3681.28	4.258D 07	3804.32	4.595D 07	12726.36	1.868D 06
943.74	5.758D 04	1545.12	1.518D 08	3682.28	4.265D 07	3816.55	6.070D 07	14380.00	1.194D 06
947.66	5.619D 04	1595.10	1.469D 08	3682.81	4.267D 07	3828.85	4.685D 07	15890.88	8.581D 05
949.74	5.595D 04	1648.41	1.416D 08	3683.50	4.276D 07	3835.38	2.105D 07	19843.04	3.718D 05
953.60	6.984D 04	1678.00	1.387D 08	3684.82	4.287D 07	3844.54	5.328D 07	26411.82	1.266D 05
961.00	1.016D 05	1723.39	1.339D 08	3686.13	4.285D 07	3862.03	6.741D 07	32000.00	6.037D 04
968.52	1.016D 05	1816.53	1.244D 08	3686.83	4.280D 07	3879.67	5.308D 07	34121.04	4.707D 04
972.54	7.425D 04	1920.32	1.151D 08	3687.64	4.290D 07	3889.05	2.031D 07	39024.39	2.792D 04
981.32	1.830D 05	1980.00	1.100D 08	3689.19	4.291D 07	3902.80	6.033D 07	45573.51	1.524D 04
998.42	3.923D 05	1991.74	1.090D 08	3690.73	4.266D 07	3929.14	7.166D 07	50000.00	1.059D 04
1016.12	3.782D 05	2014.39	1.072D 08	3691.55	4.247D 07	3955.84	6.079D 07	54724.75	7.431D 03
1025.72	1.354D 05	2037.56	1.054D 08	3692.52	4.259D 07	3970.07	1.961D 07	66666.67	3.416D 03
1037.82	7.114D 05	2050.00	1.044D 08	3694.35	4.255D 07	3992.20	5.660D 07	85275.25	1.291D 03





$$T_{\text{eff}} = 14\,000^{\circ}\text{K}$$

TEFF = 14000.0 LOG(G) = 2.50 X = 0.01640 Y = 0.98360											
I	TAJ	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.0040 04	3.0240-05	1.5100-05	6.9710-17	1.0400-01	-4.7400-02	5.0730 01	1.0000 00	9.9750-01	1.0600-13
3	1.0000-07	1.0020 04	3.0020-04	1.4830-04	7.0010-16	1.0190-01	-4.7400-02	5.1780 01	1.0000 00	9.7520-01	9.7570-15
5	1.0000-06	9.9420 03	3.3880-03	1.4740-03	8.9880-15	8.0290-02	-4.7400-02	5.3210 01	1.0000 00	7.5440-01	4.4300-16
7	1.0000-05	9.2680 03	1.6020-01	1.3720-02	7.3030-13	9.6010-03	-4.7310-02	-6.3300 01	9.9990-01	3.3240-02	1.7400-20
9	1.0000-04	9.4870 03	4.0540 00	2.5170-01	1.8520-11	7.2790-03	-4.7250-02	3.0390 00	9.9850-01	4.0220-03	5.8420-22
11	1.0000-03	1.0160 04	3.7620 01	2.3240 00	1.6060-10	9.5020-03	-4.4160-02	7.9350 00	9.9620-01	3.7800-03	5.7670-21
13	1.3590-03	1.0190 04	4.8960 01	3.0000 00	2.0840-10	1.0140-02	-4.4040-02	9.1430 01	9.9540-01	3.2390-03	4.7310-21
15	1.8480-03	1.0240 04	6.3550 01	3.8720 00	2.6940-10	1.0970-02	-4.0310-02	-4.3690 00	9.9450-01	2.8780-03	4.3470-21
17	2.5120-03	1.0240 04	8.1790 01	4.9330 00	3.4700-10	1.1990-02	-2.6900-02	-5.8920 00	9.9300-01	2.2410-03	2.6110-21
19	3.4150-03	1.0260 04	1.0430 02	6.2520 00	4.4150-10	1.3260-02	-2.0170-02	-1.1760 01	9.9150-01	1.9080-03	2.0580-21
21	4.6420-03	1.0270 04	1.3180 02	7.8530 00	5.5740-10	1.4810-02	-3.6430-02	-1.1680 01	9.8960-01	1.5840-03	1.4830-21
23	6.3100-03	1.0300 04	1.6510 02	9.7960 00	6.9670-10	1.6640-02	-5.1780-02	-1.1010 01	9.8780-01	1.3860-03	1.2510-21
25	8.5770-03	1.0360 04	2.0530 02	1.2150 01	8.6200-10	1.8770-02	-5.7780-02	-9.6520 00	9.8610-01	1.2990-03	1.3010-21
27	1.1660-02	1.0440 04	2.5370 02	1.5000 01	1.0570-09	2.1190-02	-6.2250-02	-7.9490 00	9.8500-01	1.3220-03	1.7340-21
29	1.5950-02	1.0540 04	3.1190 02	1.8460 01	1.2860-09	2.3930-02	-8.0300-02	-6.0790 00	9.8450-01	1.4520-03	2.9300-21
31	2.1540-02	1.0670 04	3.8170 02	2.2670 01	1.5550-09	2.7040-02	-1.0580-01	-4.3100 00	9.8460-01	1.6990-03	6.0040-21
33	2.9290-02	1.0820 04	4.6570 02	2.7820 01	1.8690-09	3.0600-02	-7.0040-02	-2.8640 00	9.8510-01	2.0780-03	1.4090-20
35	3.9810-02	1.0990 04	5.6640 02	3.4120 01	2.2380-09	3.4710-02	-8.0700-02	-1.7780 00	9.8590-01	2.6380-03	3.7120-20
37	5.4120-02	1.1180 04	8.2940 02	5.1590 01	3.1530-09	4.5290-02	-1.9650-02	-2.8070-01	9.8830-01	4.8370-03	3.8680-19
39	7.3560-02	1.1400 04	9.9760 02	6.3890 01	3.7050-09	5.2550-02	-1.4600-01	-3.0720-02	9.8980-01	6.9810-03	1.5340-18
41	1.0000-01	1.1650 04	1.9760 02	6.3890 01	4.1530-09	5.9550-02	1.3330-01	1.5230-01	9.9090-01	9.4760-03	4.7790-18
43	1.2590-01	1.1860 04	1.1410 03	7.5480 01	4.6200-09	6.9800-02	9.9530-02	5.7640-01	9.9210-01	1.3270-02	1.6610-17
45	1.5850-01	1.2090 04	1.2990 03	9.0020 01	5.0890-09	8.1490-02	3.1200-02	6.3610-01	9.9310-01	1.8830-02	6.0820-17
47	1.9950-01	1.2350 04	1.4680 03	1.0840 02	5.0890-09	8.1490-02	3.1200-02	6.3610-01	9.9310-01	1.8830-02	6.0820-17
49	2.5120-01	1.2630 04	1.6450 03	1.3260 02	5.5310-09	1.0000-01	-3.2210-02	8.6870-01	9.9400-01	2.7250-02	2.4220-16
51	3.1620-01	1.2940 04	1.8210 03	1.6460 02	5.9130-09	1.2730-01	-5.9400-02	1.1930 00	9.9440-01	3.9700-02	1.0080-15
53	3.9810-01	1.3290 04	1.9860 03	2.0780 02	6.1330-09	1.7110-01	4.5900-02	1.3490 00	9.9480-01	5.8340-02	4.4360-15
55	5.0120-01	1.3650 04	2.1390 03	2.6440 02	6.3480-09	2.3670-01	2.5520-01	1.4730 00	9.9520-01	8.4040-02	1.8830-14
57	6.3100-01	1.4000 04	2.2790 03	3.3330 02	6.4210-09	3.2850-01	3.1650-01	4.9750 00	9.9560-01	1.1630-01	7.1010-14
59	7.9430-01	1.4460 04	2.3940 03	4.3560 02	6.2610-09	4.9440-01	2.9460-01	2.2240-01	9.9610-01	1.7080-01	3.5350-13
61	1.0000 00	1.4910 04	2.4880 03	5.5650 02	5.9890-09	7.2830-01	-9.7550-02	-8.0080-01	9.9660-01	2.4080-01	1.5850-12
63	1.2590 00	1.5380 04	2.5650 03	6.9680 02	5.6130-09	1.0520 00	-3.9380-01	-3.4720-01	9.9710-01	3.3130-01	6.9880-12
65	1.5850 00	1.5880 04	2.6290 03	8.4790 02	5.1840-09	1.4550 00	-6.0620-02	-7.0300-02	9.9770-01	4.4120-01	3.0070-11
67	1.9950 00	1.6410 04	2.6850 03	9.9750 02	4.7530-09	1.8950 00	1.1360-01	-1.6740-01	9.9810-01	5.6400-01	1.2650-10
69	2.5120 00	1.6950 04	2.7370 03	1.1300 03	4.3820-09	2.2770 00	2.0880-01	-1.0070 00	9.9850-01	6.8300-01	5.0800-10
71	3.1620 00	1.7540 04	2.7930 03	1.2390 03	4.0940-09	2.5260 00	-1.5950-01	-1.3470 00	9.9860-01	7.8420-01	1.9890-09
73	3.9810 00	1.8180 04	2.8580 03	1.3320 03	3.8780-09	2.6360 00	-8.5280-01	-3.7440-01	9.9870-01	8.6500-01	8.0090-09
75	5.0120 00	1.8850 04	2.9410 03	1.4900 03	3.7490-09	2.6210 00	-4.5260-01	1.4200 00	9.9890-01	9.1860-01	3.0200-08
77	6.3100 00	1.9500 04	3.0530 03	1.4900 03	3.7060-09	2.5520 00	1.1580 00	7.8160-01	9.9900-01	9.4960-01	9.8160-08
79	7.9430 00	2.0180 04	3.2040 03	1.5780 03	3.7230-09	2.4640 00	4.5430-01	-2.6510 00	9.9910-01	9.6890-01	3.0790-07
81	1.0000 01	2.0950 04	3.4070 03	1.6890 03	3.7910-09	2.3650 00	-5.3430-01	-2.7570 00	9.9920-01	9.8130-01	1.0070-06
83	1.2590 01	2.1810 04	3.6820 03	1.8320 03	3.9210-09	2.2710 00	-1.1650 00	4.6390-01	9.9930-01	9.8900-01	3.4050-06
85	1.5850 01	2.2700 04	4.0050 03	2.0180 03	4.1350-09	2.2110 00	-3.5260-01	3.5860 00	9.9940-01	9.9330-01	1.0660-05
87	1.9950 01	2.3590 04	4.5300 03	2.2600 03	4.4480-09	2.1980 00	9.9480-01	1.6450 00	9.9950-01	9.9560-01	2.9560-05
89	2.5120 01	2.4430 04	5.1400 03	2.5670 03	4.8680-09	2.2300 00	6.1260-01	-1.9140 00	9.9950-01	9.9700-01	7.2520-05
91	3.1620 01	2.5420 04	5.9020 03	2.9480 03	5.3690-09	2.2600 00	-2.1870-01	-1.7020 00	9.9960-01	9.9770-01	1.9130-04
93	3.9810 01	2.6570 04	6.8510 03	3.4240 03	5.9620-09	2.2880 00	-4.5360-02	-1.1940 00	9.9960-01	9.9780-01	5.3570-04
95	5.0120 01	2.7750 04	8.0300 03	4.0150 03	6.8870-09	2.3510 00	2.4990-01	9.8500-01	9.9960-01	9.9720-01	1.3950-03
97	6.3100 01	2.8900 04	9.4710 03	4.7400 03	7.5630-09	2.4620 00	3.8030-01	-2.0410-01	9.9960-01	9.9560-01	3.2540-03
99	7.9430 01	3.0090 04	1.1190 04	5.6120 03	8.5680-09	2.6180 00	1.4580-01	-3.7860-01	9.9960-01	9.9190-01	7.1770-03

TEFF = 14000.0 LOG(G) = 2.50 X = 0.01640 Y = 0.98360									
-LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	7.530D 00	1061.56	3.219D 08	2050.00	1.962D 03	3696.18	7.008D 07	4034.83	1.023D 09
546.43	4.186D 01	1086.41	3.432D 08	2127.72	1.853D 08	3697.15	7.022D 07	4078.38	9.773D 07
649.38	9.867D 02	1100.00	3.496D 08	2292.47	1.643D 08	3698.31	7.039D 07	4101.73	4.316D 07
800.11	2.086D 04	1112.26	3.531D 08	2484.88	1.428D 08	3700.50	7.288D 07	4141.06	9.417C 07
911.76	9.347D 04	1136.26	3.569D 08	2600.00	1.317D 08	3702.69	6.752D 07	4217.72	8.923D 07
911.76	9.808D 04	1161.33	3.568D 08	2600.00	1.317D 08	3703.85	6.713D 07	4297.27	8.381D 07
913.07	2.667D 05	1175.00	3.546D 08	2677.27	1.280D 08	3705.25	6.882D 07	4340.46	3.890D 07
915.54	3.496C 05	1181.83	3.519D 08	2837.09	1.137D 08	3707.91	7.423D 07	4422.28	7.666D 07
918.03	3.904D 05	1194.99	3.393D 08	3017.20	9.997D 07	3710.56	6.633D 07	4586.15	6.819D 07
919.35	4.068D 05	1208.45	2.204D 08	3121.75	9.291D 07	3711.97	6.417D 07	4762.63	6.023D 07
919.63	4.068D 05	1215.67	5.555D 06	3121.76	9.360D 07	3713.69	6.872D 07	4861.32	2.939D 07
920.16	4.161D 05	1216.42	5.575D 06	3159.76	9.056D 07	3716.95	7.741D 07	4892.89	5.472D 07
920.68	4.302D 05	1217.83	1.168D 07	3264.93	8.499D 07	3720.21	6.488D 07	4953.86	5.294D 07
920.96	4.302D 05	1219.25	5.288D 07	3365.99	7.948D 07	3721.94	5.895D 07	5016.38	5.085D 07
921.34	4.320D 05	1220.00	9.165D 07	3421.87	7.662D 07	3724.08	6.856D 07	5050.00	4.976D 07
922.06	4.353D 05	1223.41	2.351D 08	3421.87	8.246D 07	3728.14	8.307D 07	5123.58	4.747D 07
922.77	4.488D 05	1229.92	3.156D 08	3458.74	8.017D 07	3732.22	6.656D 07	5269.12	4.329D 07
923.15	4.554D 05	1236.50	3.351D 08	3530.87	7.590D 07	3734.37	5.520D 07	5423.16	3.936D 07
923.63	4.603D 05	1240.00	3.393D 08	3606.08	7.189D 07	3737.09	7.180D 07	5508.11	3.738D 07
924.69	4.759D 05	1249.96	3.441D 08	3647.05	6.985D 07	3742.24	9.069D 07	5665.32	3.404C 07
925.69	4.908D 05	1269.29	3.444D 08	3647.05	6.629D 07	3747.42	6.925D 07	5989.38	2.825D 07
926.22	4.891D 05	1289.23	3.418D 08	3649.67	6.614D 07	3750.15	5.138D 07	6352.76	2.317D 07
927.00	4.971D 05	1300.00	3.400D 08	3654.64	6.691D 07	3753.67	7.644D 07	6562.80	1.366D 07
928.43	5.544D 05	1316.23	3.368D 08	3659.62	6.871D 07	3760.36	9.989D 07	6797.77	1.843D 07
929.96	5.241D 05	1348.15	3.303D 08	3662.26	7.016D 07	3767.08	7.687D 07	7292.74	1.451D 07
930.75	5.311D 05	1381.65	3.232D 08	3685.27	7.202D 07	3770.63	4.998D 07	7865.45	1.118D 07
931.96	5.642D 05	1400.00	3.192D 08	3670.98	7.518D 07	3775.31	8.601D 07	8205.87	9.886C 06
934.26	8.899D 05	1419.35	3.145D 08	3676.71	7.617D 07	3784.22	1.031D 08	8205.87	9.939D 06
936.58	6.423D 05	1457.83	3.060D 08	3679.74	7.566D 07	3793.16	8.517D 07	8862.47	8.375D 06
937.80	6.166D 05	1497.83	2.971D 08	3680.27	7.771D 07	3797.90	4.846D 07	10448.64	4.598D 06
939.84	8.278D 05	1520.00	2.929D 08	3681.28	7.736D 07	3804.32	9.544D 07	12726.36	2.223D 06
943.74	1.639D 06	1545.12	2.870D 08	3682.28	7.703D 07	3816.55	1.130D 08	14380.00	1.410C 06
947.66	9.721C 05	1595.10	2.765D 08	3682.81	7.694D 07	3828.85	9.683D 07	15890.88	1.003D 06
949.74	7.152D 05	1648.41	2.656D 08	3683.50	7.664D 07	3835.38	4.815D 07	19843.04	4.308D 05
953.60	2.791D 06	1678.00	2.597D 08	3684.82	7.622D 07	3844.54	1.052D 08	26411.82	1.453D 05
961.00	3.184D 07	1723.39	2.508D 08	3686.13	7.534D 07	3862.03	1.137D 08	32000.00	6.911D 04
968.52	1.395C 07	1816.53	2.335D 08	3686.93	7.523D 07	3879.67	1.033D 08	34121.04	5.386D 04
972.54	9.964D 05	1920.32	2.157D 08	3687.64	7.480D 07	3889.05	4.699D 07	39024.39	3.194D 04
981.32	9.929C 07	1980.00	2.066D 08	3689.19	7.457D 07	3902.80	1.076D 08	45573.51	1.742D 04
998.42	1.999D 08	1991.74	2.048D 08	3690.73	7.278D 07	3929.14	1.101D 08	50000.00	1.212D 04
1016.12	1.689D 08	2014.39	2.014D 08	3691.55	7.282D 07	3955.84	1.046D 08	54724.75	8.508D 03
1025.72	1.484D 06	2037.56	1.980D 08	3692.52	7.243D 07	3970.07	4.625D 07	66666.67	3.920D 03
1037.82	2.331C 08	2050.00	1.962D 08	3694.35	7.342D 07	3992.20	1.043D 08	85275.25	1.487D 03

TEFF = 14000.C LOG(G) = 3.00 X = 0.01640 Y = 0.98360											
I	TAJ	TE	PG	PE	RHD	KAPZ	DF(X)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.0060 C4	9.7430-C5	4.8540-05	2.2460-16	1.0360-01	-4.3370-02	4.7850 01	1.0000 00	9.9260-01	3.8310-14
3	1.0000-07	1.0020 C4	9.8950-04	4.7640-04	2.3670-15	9.6810-02	-4.3370-02	5.1520 01	1.0000 00	9.9260-01	2.7940-15
5	1.0000-06	9.7450 C3	1.5680-C2	4.4240-03	5.3380-14	4.1020-02	-4.3370-02	3.9160 01	1.0000 00	9.9260-01	1.8150-17
7	1.0000-05	9.3430 C3	1.0160 C0	6.7360-02	4.6940-12	7.5160-03	-4.3380-02	2.8550 02	9.9950-01	9.0540-03	4.9960-21
9	1.0000-04	9.6580 C3	1.3210 C1	7.9960-01	5.9370-11	7.7990-03	-4.3380-02	5.3560 00	9.9670-01	2.2630-03	3.5310-22
11	1.0000-03	1.0080 C4	9.8780 C1	5.8530 C0	4.2590-10	1.3690-02	-3.4400-02	6.3270-01	9.8930-01	1.1980-03	4.4780-22
13	1.3590-03	1.0100 C4	1.2470 C2	7.3510 C0	5.3660-10	1.4630-02	-2.4410-02	3.2790-01	1.0130-03	1.1980-03	3.4210-22
15	1.8480-03	1.0100 C4	1.5600 C2	9.1420 C0	6.7190-10	1.6520-02	1.1940-02	8.4130-02	9.8390-01	8.0000-04	2.0920-22
17	2.5120-03	1.0100 C4	1.9350 C2	1.1280 C1	8.3380-10	1.8740-02	4.7900-02	-3.3190-01	9.8040-01	6.5790-04	1.4380-22
19	3.4150-03	1.0130 C4	2.3850 C2	1.3840 C1	1.0250-09	2.1290-02	4.5150-02	-9.8140-01	9.7700-01	5.7510-04	1.1880-22
21	4.6420-03	1.0170 C4	2.9220 C2	1.6910 C1	1.2510-09	2.4190-02	3.5500-02	-1.7660 00	9.7410-01	5.4220-04	1.2350-22
23	6.3100-03	1.0250 C4	3.5650 C2	2.0590 C1	1.5150-09	2.7440-02	2.3460-02	-2.6440 00	9.7220-01	5.5470-04	1.6520-22
25	8.5770-03	1.0350 C4	4.3370 C2	2.5060 C1	1.8250-09	3.1060-02	1.7970-02	-3.5350 00	9.7160-01	6.1360-04	2.8140-22
27	1.1660-02	1.0470 C4	5.2630 C2	3.0470 C1	2.1880-09	3.5140-02	2.4440-02	-4.3370 00	9.7190-01	7.2090-04	5.7760-22
29	1.5850-02	1.0610 C4	6.3750 C2	3.7020 C1	2.6150-09	3.9750-02	-1.4420-02	-4.8230 00	9.7280-01	8.7740-04	1.3220-21
31	2.1540-02	1.0760 C4	7.7100 C2	4.4940 C1	3.1190-09	4.5060-02	-6.1400-02	-4.8850 00	9.7390-01	1.0810-03	3.1350-21
33	2.9290-02	1.0910 C4	9.3080 C2	5.4530 C1	3.7110-09	5.1140-02	-3.5750-02	-5.1420 00	9.7510-01	1.3450-03	7.6650-21
35	3.9810-02	1.1080 C4	1.1220 C3	6.6190 C1	4.4020-09	5.8090-02	-3.3440-02	-4.9660 00	9.7680-01	1.7280-03	2.0710-20
37	5.4120-02	1.1270 C4	1.3510 C3	8.0450 C1	5.2060-09	6.6100-02	-1.1690-01	-4.3350 00	9.7870-01	2.2850-03	6.1290-20
39	7.3560-02	1.1480 C4	1.6230 C3	9.7960 C1	6.1390-09	7.5480-02	-1.4480-01	-3.5340 00	9.8080-01	3.0970-03	1.9600-19
41	1.0000-01	1.1720 C4	1.9460 C3	1.1980 C2	7.2020-09	8.6680-02	3.3860-02	-1.7780 00	9.8310-01	4.3960-03	7.2660-19
43	1.2590-01	1.1910 C4	2.2260 C3	1.3990 C2	8.0920-09	9.6870-02	1.2610-01	-1.10450 00	9.8480-01	5.8490-03	2.0940-18
45	1.5850-01	1.2130 C4	2.5390 C3	1.6430 C2	9.0460-09	1.0940-01	7.3680-01	-2.7770-01	9.8650-01	7.9920-03	6.6010-18
47	1.9950-01	1.2370 C4	2.8850 C3	1.9430 C2	1.0050-08	1.2540-01	7.3680-01	1.2900-01	9.8810-01	1.1130-02	2.2270-17
49	2.5120-01	1.2640 C4	3.2600 C3	2.3290 C2	1.1070-08	1.4750-01	-4.1840-02	9.9340-01	9.8970-01	1.6060-02	8.5350-17
51	3.1620-01	1.2940 C4	3.6550 C3	2.8310 C2	1.2040-08	1.7930-01	-1.0370-01	1.8810 00	9.9060-01	2.3480-02	3.4680-16
53	3.9810-01	1.3280 C4	4.0540 C3	3.5040 C2	1.2890-08	2.2770-01	-9.0560-02	2.6820 00	9.9150-01	3.4810-02	1.5120-15
55	5.0120-01	1.3640 C4	4.4390 C3	4.4120 C2	1.3540-08	3.0260-01	1.5500-01	2.8880 00	9.9240-01	5.1540-02	6.7570-15
57	6.3100-01	1.4030 C4	4.7940 C3	5.6320 C2	1.3930-08	4.1950-01	1.5360-01	1.9250 00	9.9320-01	7.5770-02	3.0430-14
59	7.9430-01	1.4450 C4	5.1080 C3	7.2350 C2	1.4020-08	5.9960-01	-8.3130-03	6.0080-01	9.9400-01	1.0970-01	1.3470-13
61	1.0000 00	1.4900 C4	5.3780 C3	9.3390 C2	1.3780-08	8.8130-01	-3.0700-01	4.1290-01	9.9480-01	1.5780-01	6.0900-13
63	1.2590 00	1.5350 C4	5.5850 C3	1.1800 C3	1.3260-08	1.2720 00	-1.0890-01	2.4080 00	9.9540-01	2.1940-01	2.5150-12
65	1.5850 00	1.5840 C4	5.8000 C3	1.4800 C3	1.2600-08	1.8260 00	5.4800-01	1.5640 00	9.9610-01	2.9910-01	1.0360-11
67	1.9950 00	1.6360 C4	5.9670 C3	1.8190 C3	1.1720-08	2.5580 00	4.6520-01	-1.1770 00	9.9670-01	4.0120-01	4.3890-11
69	2.5120 00	1.6930 C4	6.1160 C3	2.1730 C3	0.8990-09	4.7720 00	-1.1690 00	2.2600 00	9.9770-01	7.5080-01	3.0940-09
71	3.1620 00	1.7530 C4	6.2570 C3	2.5010 C3	9.2350-09	5.0810 00	-2.3470-02	6.8330 00	9.9790-01	8.3260-01	1.0750-08
73	3.9810 00	1.8140 C4	6.4040 C3	2.7780 C3	8.7870-09	5.1660 00	1.4000 00	4.4500-01	9.9820-01	8.9310-01	3.6730-08
75	5.0120 00	1.8760 C4	6.5740 C3	3.0070 C3	8.4960-09	5.0950 00	4.3260-01	-4.5030 00	9.9840-01	9.3320-01	1.1950-07
77	6.3100 00	1.9410 C4	6.7800 C3	3.2110 C3	8.3600-09	4.9330 00	-3.7380-01	-2.1810 00	9.9870-01	9.5940-01	3.9010-06
79	7.9430 00	2.0100 C4	7.0440 C3	3.4080 C3	8.3510-09	4.7120 00	-1.3300 00	-1.3720 00	9.9890-01	9.7650-01	1.3730-06
81	1.0000 C1	2.0850 C4	7.3910 C3	3.6230 C3	8.4500-09	4.5670 00	-5.0660-01	-4.7900 00	9.9900-01	9.8540-01	4.0610-06
83	1.2590 C1	2.1710 C4	7.8530 C3	3.8830 C3	8.7430-09	4.4820 00	1.2920 00	5.3020 00	9.9920-01	9.9060-01	1.1120-05
85	1.5850 C1	2.2540 C4	8.4690 C3	4.2050 C3	9.2080-09	4.4550 00	9.3700-01	-6.1590 00	9.9930-01	9.9370-01	2.8930-05
87	1.9950 C1	2.3370 C4	9.2730 C3	4.6160 C3	9.3540-09	4.4620 00	-5.3700-01	-4.0750 00	9.9930-01	9.9580-01	7.5290-05
89	2.5120 C1	2.4240 C4	1.0310 C4	5.1390 C3	1.0680-08	4.4540 00	7.6090-01	-1.0210 00	9.9930-01	9.9660-01	2.1390-04
91	3.1620 C1	2.5190 C4	1.1620 C4	5.8000 C3	1.1680-08	4.4540 00	7.6090-01	-1.0210 00	9.9930-01	9.9660-01	2.1390-04
93	3.9810 C1	2.6310 C4	1.3280 C4	6.6310 C3	1.2950-08	4.5290 00	1.2970-01	3.4020 00	9.9940-01	9.9690-01	5.5010-04
95	5.0120 C1	2.7440 C4	1.5360 C4	7.6750 C3	1.4510-08	4.6860 00	3.9360-01	1.2520 00	9.9940-01	9.9670-01	1.2860-03
97	6.3100 C1	2.8560 C4	1.7930 C4	8.9640 C3	1.6360-08	4.9070 00	4.3750-01	-1.7740 00	9.9940-01	9.9550-01	2.8380-03
99	7.9430 C1	2.9710 C4	2.1050 C4	1.0530 C4	1.6360-08	4.9070 00	4.3750-01	-1.7740 00	9.9940-01	9.9550-01	2.8380-03

TEFF = 14000.0 LOG(G) = 3.00 X = 0.01640 Y = 0.98360

-LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	6.003D 00	1061.56	3.032D 08	2050.00	2.004D 03	3695.18	7.002D 07	4034.83	1.027D 08
546.43	3.445D 01	1086.41	3.390D 08	2127.72	1.887D 03	3697.15	6.998D 07	4078.38	9.690D 07
649.38	8.920D 02	1100.00	3.495D 08	2292.47	1.665D 03	3698.31	6.985D 07	4101.73	4.065D 07
800.11	2.034D 04	1112.26	3.563D 08	2484.88	1.443D 03	3700.50	7.049D 07	4141.06	9.443D 07
911.76	9.960D 04	1136.26	3.636D 08	2600.00	1.327D 03	3702.69	6.735D 07	4217.72	8.984D 07
911.76	9.921D 04	1161.33	3.644D 08	2600.00	1.327D 03	3703.85	6.710D 07	4297.27	8.411D 07
913.07	2.081D 05	1175.00	3.606D 08	2677.27	1.280D 03	3705.25	6.779D 07	4340.46	3.683D 07
915.54	2.560D 05	1181.83	3.569D 08	2837.09	1.136D 03	3707.91	7.023D 07	4422.28	7.709D 07
918.03	2.971D 05	1194.99	3.329D 08	3017.20	9.980D 07	3710.56	6.567D 07	4586.15	6.858D 07
919.35	3.121D 05	1208.45	1.426D 08	3121.75	9.279D 07	3711.97	6.457D 07	4762.63	6.056D 07
919.63	3.152D 05	1215.67	4.403D 06	3121.76	9.328D 07	3713.69	6.702D 07	4861.32	2.802D 07
920.16	3.184D 05	1216.42	4.426D 06	3169.76	9.023D 07	3716.95	7.140D 07	4892.89	5.460D 07
920.69	3.251D 05	1217.83	7.817D 06	3264.93	8.460D 07	3720.21	6.339D 07	4953.86	5.322D 07
920.96	3.283D 05	1219.25	1.917D 07	3365.99	7.909D 07	3721.94	5.985D 07	5016.38	5.112D 07
921.34	3.314D 05	1220.00	3.535D 07	3421.87	7.625D 07	3724.08	6.583D 07	5050.00	5.002D 07
922.06	3.346D 05	1223.41	1.626D 08	3421.87	7.987D 07	3728.14	7.473D 07	5123.58	4.769D 07
922.77	3.427D 05	1229.92	2.920D 08	3458.74	7.775D 07	3732.22	6.323D 07	5269.12	4.348D 07
923.15	3.459D 05	1236.50	3.307D 08	3530.87	7.385D 07	3734.37	5.564D 07	5423.16	3.949D 07
923.68	3.498D 05	1240.00	3.399D 08	3606.08	7.008D 07	3737.09	6.699D 07	5508.11	3.750D 07
924.69	3.639D 05	1249.96	3.517D 08	3647.05	6.816D 07	3742.24	8.045D 07	5665.32	3.414D 07
925.69	3.673D 05	1269.29	3.561D 08	3647.05	6.485D 07	3747.42	6.376D 07	5989.38	2.834D 07
926.22	3.720D 05	1289.23	3.547D 08	3649.67	6.469D 07	3750.15	5.062D 07	6352.76	2.323D 07
927.00	3.777D 05	1300.00	3.531D 08	3654.64	6.502D 07	3753.67	6.911D 07	6562.80	1.314D 07
928.48	4.200D 05	1316.23	3.504D 08	3659.62	6.617D 07	3760.36	8.838D 07	6797.77	1.846D 07
929.96	3.978D 05	1348.15	3.437D 08	3662.26	6.709D 07	3767.08	6.854D 07	7292.74	1.453D 07
930.75	4.033D 05	1381.65	3.358D 08	3665.27	6.834D 07	3770.63	4.824D 07	7865.45	1.120D 07
931.96	4.273D 05	1400.00	3.313D 08	3670.98	7.089D 07	3775.31	7.600D 07	8205.87	9.820D 06
934.26	5.585D 05	1419.35	3.273D 08	3676.71	7.286D 07	3784.22	9.851D 07	8205.87	9.960D 06
936.58	4.839D 05	1457.53	3.180D 08	3679.74	7.335D 07	3793.16	7.478D 07	8862.47	8.392D 06
937.80	4.651D 05	1497.83	3.080D 08	3680.27	7.441D 07	3797.90	4.606D 07	10448.64	4.603D 06
939.84	6.238D 05	1520.00	3.033D 08	3681.28	7.446D 07	3804.32	3.446D 07	12726.36	2.255D 06
943.74	9.719D 05	1545.12	2.979D 08	3682.28	7.447D 07	3816.55	1.069D 08	14380.00	1.412D 06
947.66	7.454D 05	1595.10	2.861D 08	3682.81	7.449D 07	3828.85	3.596D 07	15890.88	1.004D 06
949.74	9.384D 05	1648.41	2.741D 08	3683.50	7.442D 07	3835.38	4.538D 07	19843.04	4.312D 05
953.60	1.285D 06	1678.00	2.677D 08	3684.82	7.431D 07	3844.54	9.637D 07	26411.82	1.454D 05
961.00	8.866D 06	1723.39	2.583D 08	3686.13	7.396D 07	3862.03	1.109D 08	32000.00	6.906D 04
968.52	3.198D 06	1816.53	2.398D 08	3686.83	7.390D 07	3879.67	9.503D 07	34121.04	5.380D 04
972.54	7.486D 05	1920.32	2.216D 08	3687.64	7.366D 07	3889.05	4.404D 07	39024.39	3.186D 04
981.32	4.307D 07	1980.00	2.116D 08	3689.19	7.338D 07	3928.80	1.030D 08	45573.51	1.736D 04
998.42	1.410D 08	1991.74	2.096D 08	3690.77	7.241D 07	3929.14	1.096D 08	50000.00	1.206D 04
1016.12	9.485D 07	2014.39	2.060D 08	3691.55	7.233D 07	3935.84	1.011D 08	54724.75	8.459D 03
1025.72	1.134D 06	2037.56	2.024D 08	3692.52	7.193D 07	3970.07	4.329D 07	66666.67	3.887D 03
1037.82	1.624D 08	2050.00	2.004D 08	3694.35	7.190D 07	3992.20	1.032D 08	85275.25	1.470D 03

TEFF = 14000.0 LOG(G) = 3.50 X = 0.01640 Y = 0.98360

I	TAU	TF	PG	PE	RHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	9.9640-03	3.1320-04	1.5430-04	7.3690-16	1.0130-01	-6.5570-02	6.6390-01	1.0003-00	9.6920-01	6.2820-15
3	1.0003-07	9.8460-03	3.5950-03	1.4930-03	9.8640-15	7.4110-02	-6.5570-02	7.0880-01	1.0000-00	6.9130-01	2.1090-16
5	1.0003-06	9.2250-03	1.8290-01	1.4720-02	8.4230-13	9.1610-03	-6.5570-02	-7.8600-01	9.9980-01	2.6690-02	9.3480-21
7	1.0003-05	9.0630-03	4.0970-00	2.4340-01	1.9650-11	7.0010-03	-6.5600-02	3.5700-02	9.9650-01	9.1250-04	5.4490-24
9	1.0003-04	9.7360-03	3.8410-01	2.2750-00	1.7160-10	9.4780-03	-6.5590-02	2.0610-01	9.9190-01	1.0070-03	9.0820-23
11	1.0003-03	9.9990-03	2.2450-02	1.2950-01	9.7770-10	2.0890-02	-2.1320-02	-7.8350-00	9.7310-01	4.1780-04	4.0760-23
13	1.3593-03	9.9950-03	2.7510-02	1.5770-01	1.1990-09	2.3910-02	9.3580-02	-9.0630-00	9.6720-01	3.3870-04	2.6390-23
15	1.8483-03	1.0000-04	3.3520-02	1.9080-01	1.4610-09	2.7370-02	2.3060-01	-8.1780-00	9.6090-00	2.8420-04	1.8880-23
17	2.5123-03	1.0030-04	4.0670-02	2.3010-01	1.7680-09	3.1270-02	2.2800-01	-6.9820-00	9.5540-01	2.5640-04	1.6940-23
19	3.4150-03	1.0080-04	4.9180-02	2.7720-01	2.1280-09	3.5630-02	1.3160-01	-5.2300-00	9.5150-01	2.5090-04	1.9400-23
21	4.6423-03	1.0170-04	5.9350-02	3.3400-01	2.5460-09	4.0480-02	1.4180-01	-3.9670-00	9.4970-01	2.6950-04	2.9890-23
23	6.3103-03	1.0270-04	7.1520-02	4.0260-01	3.0360-09	4.5930-02	1.3150-01	-2.6090-00	9.4950-01	3.0690-04	5.5160-23
25	8.5773-03	1.0390-04	8.6100-02	4.8540-01	3.6130-09	5.2140-02	9.3090-02	-1.8320-00	9.5020-01	3.5930-04	1.1090-22
27	1.1663-02	1.0520-04	1.0350-03	5.8500-01	4.2930-09	5.9230-02	1.0080-01	-1.3920-00	9.5140-01	4.2800-04	2.3540-22
29	1.5853-02	1.0650-04	1.2440-03	7.0510-01	5.0900-09	6.7300-02	1.4380-02	-1.0930-00	9.5310-01	5.2070-04	5.3310-22
31	2.1543-02	1.0800-04	1.4940-03	8.4990-01	5.2270-09	7.5510-02	-2.7740-02	-9.8080-01	9.5530-01	6.4210-04	1.2580-21
33	2.9293-02	1.0960-04	1.7920-03	1.0240-02	7.1250-09	8.5990-02	2.5920-02	-8.8770-01	9.5780-01	8.0530-04	3.1290-21
35	3.9813-02	1.1130-04	2.11480-03	1.2360-02	8.4100-09	9.8900-02	2.0280-02	-8.2020-01	9.6050-01	1.0310-03	8.3050-21
37	5.4123-02	1.1310-04	2.5750-03	1.4910-02	9.9120-09	1.1250-01	3.5060-02	-9.1970-01	9.6340-01	1.3400-03	2.3080-20
39	7.3563-02	1.1520-04	3.0840-03	1.8050-02	1.1650-08	1.2800-01	3.5040-02	-9.6050-01	9.6700-01	1.8380-03	7.6000-20
41	1.0003-01	1.1750-04	3.6900-03	2.1910-02	1.3650-08	1.4600-01	2.7250-01	-1.0180-00	9.7080-01	2.5900-03	2.7290-19
43	1.2593-01	1.1950-04	4.2190-03	2.5430-02	1.5340-08	1.6170-01	3.5160-01	-1.1840-00	9.7390-01	3.4680-03	7.9560-19
45	1.5853-01	1.2160-04	4.8180-03	2.9630-02	1.7180-08	1.8010-01	3.3620-01	-1.0490-00	9.7690-01	4.7440-03	2.4890-18
47	1.9953-01	1.2400-04	5.4940-03	3.4760-02	1.9170-08	2.0270-01	1.4350-01	-7.8440-01	9.7990-01	6.6950-03	8.6490-18
49	2.5123-01	1.2670-04	6.2430-03	4.1120-02	2.1270-08	2.3160-01	-7.5870-02	-4.6790-01	9.8250-01	9.6780-03	3.2680-17
51	3.1623-01	1.2970-04	7.0580-03	4.9220-02	2.3400-08	2.7130-01	-1.3330-01	-2.0300-00	9.8430-01	1.4300-02	1.3440-16
53	3.9813-01	1.3300-04	7.9190-03	5.9900-02	2.5430-08	3.2920-01	-1.0080-01	1.2040-00	9.8630-01	2.1510-02	5.9520-16
55	5.0123-01	1.3660-04	8.7930-03	7.4020-02	2.7250-08	4.1150-01	1.3580-01	1.4100-00	9.8790-01	3.2160-02	2.6510-15
57	6.3103-01	1.4040-04	9.6430-03	9.2910-02	2.8680-08	5.4840-01	1.9720-01	7.9480-01	9.8940-01	4.7740-02	1.1840-14
59	7.9433-01	1.4450-04	1.0640-04	1.1800-03	2.9610-08	7.5130-01	5.5040-02	-2.8100-01	9.9070-01	6.9870-02	5.2000-14
61	1.0003-00	1.4890-04	1.1150-04	1.5170-03	2.3900-08	1.0700-00	-2.2340-01	-9.0710-01	9.9180-01	1.0190-01	2.3340-13
63	1.2593-00	1.5340-04	1.1770-04	1.9370-03	2.9620-08	1.5360-00	-1.4170-01	3.7300-01	9.9270-01	1.4400-01	9.6960-13
65	1.5853-00	1.5820-04	1.2310-04	2.4650-03	2.8750-08	2.2230-00	4.8460-01	1.1430-00	9.9370-01	2.0090-01	4.0160-12
67	1.9953-00	1.6340-04	1.2730-04	3.1000-03	2.7250-08	3.2050-00	6.1240-01	-6.2160-01	9.9460-01	2.7690-01	1.6840-11
69	2.5123-00	1.6900-04	1.3170-04	3.8540-03	2.5470-08	4.5430-00	1.5240-01	-3.5600-00	9.9540-01	3.7480-01	7.2730-11
71	3.1623-00	1.7510-04	1.3530-04	4.5310-03	2.3500-08	5.0820-00	-6.4620-01	-3.8800-00	9.9560-01	4.8870-01	3.1020-10
73	3.9813-00	1.8130-04	1.3880-04	5.3760-03	2.1670-08	7.6060-00	-1.0120-00	-1.1750-01	9.9600-01	6.0830-01	1.2540-09
75	5.0123-00	1.8750-04	1.4230-04	6.0190-03	2.0240-08	8.8010-00	5.3480-02	2.8650-00	9.9640-01	7.1530-01	4.5320-09
77	6.3103-00	1.9390-04	1.4630-04	6.5720-03	1.9210-08	9.5570-00	1.1620-00	-1.0320-00	9.9690-01	8.0340-01	1.5330-08
79	7.9433-00	2.0070-04	1.5110-04	7.0680-03	1.8510-08	9.8810-00	2.4320-01	-4.3250-00	9.9730-01	8.7140-01	5.1030-08
81	1.0003-01	2.0820-04	1.5700-04	7.5460-03	1.8100-08	9.8300-00	-9.2350-01	-2.2620-00	9.9770-01	9.2040-01	1.7300-07
83	1.2593-01	2.1680-04	1.6470-04	8.0530-03	1.7950-08	9.4990-00	-1.0760-00	-3.7500-01	9.9810-01	9.5350-01	6.1840-07
85	1.5853-01	2.2510-04	1.7490-04	8.6270-03	1.8200-08	9.1780-00	-1.5040-01	3.4250-00	9.9840-01	9.7130-01	1.8810-06
87	1.9953-01	2.3320-04	1.8830-04	9.3300-03	1.9810-08	8.9420-00	1.3320-00	2.1730-00	9.9860-01	9.8160-01	5.1240-06
89	2.5123-01	2.4160-04	2.0550-04	1.0220-04	2.1030-08	8.8050-00	-7.2740-01	-5.5540-00	9.9900-01	9.8780-01	1.3090-05
91	3.1623-01	2.5110-04	2.2760-04	1.1340-04	2.4730-08	9.5830-00	5.7770-01	-2.0860-00	9.9900-01	9.9200-01	3.5070-05
93	3.9813-01	2.6220-04	2.5590-04	1.2760-04	2.2620-08	8.5460-00	5.7770-01	-2.0860-00	9.9900-01	9.9410-01	1.0110-04
95	5.0123-01	2.7330-04	2.9200-04	1.4570-04	2.4730-08	8.5830-00	1.7770-01	1.7120-00	9.9910-01	9.9520-01	2.6200-04
97	6.3103-01	2.8430-04	3.3690-04	1.5820-04	2.7410-08	8.7850-00	3.5780-01	-7.7990-01	9.9910-01	9.9580-01	6.1240-04
99	7.9433-01	2.9560-04	3.9180-04	1.9580-04	3.0650-08	9.1080-00	6.7520-02	-2.0240-00	9.9910-01	9.9580-01	1.3480-03

TEFF = 14000.0 LOG(G) = 3.50 X = 0.01640 Y = 0.98360

	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	5.1250 00	1061.56	2.6590 08	2050.00	2.0540 08	3696.18	7.0540 07	4034.83	1.0240 08	
546.43	3.0360 01	1086.41	3.2000 08	2127.72	1.9310 08	3697.15	7.0460 07	4078.38	9.4720 07	
649.38	8.1420 02	1100.00	3.3680 08	2292.47	1.6960 08	3698.31	7.0240 07	4101.73	3.8290 07	
800.11	1.4920 04	1112.26	3.4780 08	2484.88	1.4630 08	3700.50	7.0120 07	4141.06	9.4060 07	
911.76	9.1220 04	1136.26	3.6060 08	2600.00	1.3420 08	3702.69	6.8290 07	4217.72	9.0230 07	
911.76	9.0630 04	1161.33	3.6340 08	2600.00	1.3420 08	3703.85	6.8080 07	4297.27	8.4040 07	
913.07	1.7910 05	1175.00	3.5760 08	2677.27	1.2870 08	3705.25	6.8200 07	4340.46	3.4890 07	
915.54	2.1760 05	1181.83	3.5070 08	2837.09	1.1400 08	3707.91	6.8960 07	4422.28	7.7430 07	
918.03	2.4890 05	1194.99	3.0830 08	3017.20	1.0000 08	3710.56	6.6250 07	4585.15	6.8940 07	
919.35	2.6130 05	1208.45	7.0540 07	3121.75	9.2940 07	3711.97	6.5660 07	4762.63	6.0770 07	
919.63	2.6360 05	1215.57	3.6680 06	3121.76	9.3290 07	3713.69	6.6690 07	4861.32	2.6790 07	
920.16	2.6620 05	1216.42	3.6810 06	3169.76	9.0230 07	3716.95	6.8590 07	4892.89	5.4070 07	
920.68	2.7140 05	1217.83	5.9650 06	3264.93	8.4580 07	3720.21	6.3810 07	4953.86	5.3380 07	
920.96	2.7400 05	1219.25	1.0650 07	3365.99	7.9060 07	3721.94	6.1920 07	5016.38	5.1320 07	
921.34	2.7680 05	1220.00	1.5290 07	3421.97	7.6200 07	3724.08	6.5230 07	5050.00	5.0220 07	
922.06	2.7960 05	1223.41	8.7140 07	3421.87	7.8480 07	3728.14	6.9990 07	5123.58	4.7890 07	
922.77	2.8550 05	1229.92	2.4410 08	3458.74	7.6460 07	3732.22	6.2330 07	5269.12	4.3640 07	
923.15	2.8800 05	1236.50	3.1000 08	3530.87	7.2720 07	3734.37	5.7630 07	5423.16	3.9650 07	
923.63	2.9110 05	1240.00	3.2720 08	3606.08	6.9100 07	3737.09	6.4910 07	5508.11	3.7650 07	
924.69	3.0140 05	1249.96	3.5090 08	3647.05	6.7230 07	3742.24	7.3320 07	5665.32	3.4270 07	
925.69	3.0440 05	1269.29	3.6340 08	3647.05	6.4110 07	3747.42	6.1100 07	5989.38	2.8430 07	
926.22	3.0770 05	1289.23	3.6480 08	3649.67	6.3940 07	3750.15	5.1580 07	6352.76	2.3290 07	
927.00	3.1200 05	1300.00	3.6410 08	3654.64	6.4060 07	3753.67	6.5140 07	6562.80	1.2720 07	
928.48	3.4210 05	1316.23	3.6210 08	3659.62	6.4730 07	3760.36	7.9770 07	6797.77	1.8510 07	
929.96	3.2740 05	1343.15	3.5630 08	3662.26	6.5280 07	3767.08	6.3650 07	7292.74	1.4570 07	
930.75	3.3170 05	1381.65	3.4890 08	3665.27	6.6100 07	3770.63	4.7810 07	7865.45	1.1230 07	
931.96	3.4830 05	1400.00	3.4450 08	3670.98	6.7930 07	3775.31	6.9350 07	8205.87	9.7860 06	
934.26	4.4220 05	1419.35	3.4010 08	3676.71	6.9770 07	3784.22	8.8690 07	8205.87	9.9770 06	
936.58	3.8920 05	1457.53	3.3070 08	3679.74	7.0550 07	3793.16	6.7460 07	8862.47	8.4050 06	
937.80	3.7750 05	1497.83	3.2040 08	3680.27	7.1080 07	3797.90	4.4470 07	10448.64	4.6100 06	
939.84	4.8860 05	1520.00	3.1540 08	3681.28	7.1290 07	3804.32	7.5450 07	12726.36	2.2270 06	
943.74	8.5860 05	1545.12	3.0940 08	3682.28	7.1490 07	3816.55	9.8640 07	14380.00	1.4130 06	
947.66	5.7430 05	1595.10	2.9710 08	3682.81	7.1590 07	3828.85	7.6540 07	15890.88	1.0050 06	
949.74	4.3530 05	1648.41	2.8440 08	3683.50	7.1690 07	3835.33	4.3170 07	19843.04	4.3140 05	
953.60	9.2630 05	1678.00	2.7750 08	3684.82	7.1850 07	3844.54	8.6850 07	26411.82	1.4540 05	
961.00	2.5680 06	1723.39	2.6750 08	3686.13	7.1920 07	3852.03	1.0600 08	32000.00	6.9010 04	
968.52	1.5260 06	1816.53	2.4770 08	3686.83	7.2000 07	3879.67	8.5740 07	34121.04	5.3750 04	
972.54	5.9650 05	1920.32	2.2790 08	3687.64	7.2010 07	3889.05	4.1520 07	39024.39	3.1810 04	
981.32	1.3490 07	1980.00	2.1730 08	3689.19	7.2010 07	3902.80	9.6040 07	45573.51	1.7320 04	
998.42	8.4860 07	1991.74	2.1530 08	3690.73	7.1720 07	3929.14	1.0760 08	50000.00	1.2030 04	
1016.12	3.6330 07	2014.39	2.1140 08	3691.55	7.1720 07	3955.84	9.5430 07	54724.75	8.4330 03	
1025.72	9.2530 05	2037.56	2.0750 08	3692.52	7.1570 07	3970.07	4.0630 07	66666.67	3.8710 03	
1037.82	8.9680 07	2050.00	2.0540 08	3694.35	7.1480 07	3992.20	1.0060 08	85275.25	1.4620 03	

TEFF = 14000.0 LOG(G) = 4.00 X = 0.01640 Y = 0.98360

I	TAJ	TE	PG	PE	RHD	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.0060 04	1.0110-03	4.8860-04	2.3990-15	9.7530-02	-7.3410-02	4.9300 01	1.0000 00	9.3090-01	3.6420-15
3	1.0000-07	9.6260 03	1.6860-02	4.1540-03	6.1010-14	3.4110-02	-7.3410-02	5.0540 01	1.0000 00	2.8190-01	6.7630-18
5	1.0000-06	9.2370 03	1.0840 00	6.9200-02	5.0790-12	7.2260-03	-7.3290-02	-2.6140 02	9.9930-01	6.0600-03	4.9590-22
7	1.0000-05	9.1870 03	1.3370 01	7.8560-01	6.3310-11	7.7600-03	-7.3450-02	2.1860 02	9.9160-01	4.4840-04	2.2060-24
9	1.0000-04	9.7650 03	9.7580 01	5.6790 00	4.3490-10	1.3480-02	-8.2300-02	9.0890 00	9.8150-01	4.5350-04	2.0960-24
11	1.0000-03	9.8350 03	4.6250 02	2.5500 02	2.0530-09	3.5180-02	2.3770-01	-7.8220 00	9.9130-00	1.2650-04	2.0960-24
13	1.3590-03	9.8520 03	5.5780 02	3.0440 01	2.4740-09	4.0170-02	7.3330-01	-6.9800 00	9.9210-01	1.1200-04	1.7460-24
15	1.8480-03	9.8950 03	6.7130 02	3.6350 01	2.9650-09	4.5780-02	1.3330 00	-5.8080 00	9.9140-01	1.0730-04	1.8660-24
17	2.5120-03	9.9660 03	8.0670 02	4.3510 01	3.5390-09	5.2130-02	9.0350-01	-4.6030 00	9.9102-01	1.1220-04	2.6220-24
19	3.4150-03	1.0060 04	9.6840 02	5.2230 01	4.2080-09	5.9340-02	7.3350-01	-2.6490 00	9.9080-01	1.2620-04	4.6330-24
21	4.6420-03	1.0180 04	1.1620 03	6.2880 02	4.9870-09	6.7520-02	5.2400-01	-2.5170 00	9.91180-01	1.5040-04	9.8130-24
23	6.3100-03	1.0310 04	1.3920 03	7.5580 01	5.9000-09	7.6820-02	3.2640-01	-1.8880 00	9.91530-01	1.8510-04	2.3020-23
25	8.5770-03	1.0450 04	1.6680 03	9.0890 01	6.9750-09	8.7510-02	2.9800-01	-1.5060 00	9.91850-01	2.2570-04	5.2440-23
27	1.1660-02	1.0550 04	1.9960 03	1.0920 02	8.2420-09	9.9750-02	2.7590-01	-1.5030 00	9.92140-01	2.7420-04	1.1780-22
29	1.5950-02	1.0720 04	2.3880 03	1.3120 02	9.7250-09	1.1370-01	7.5980-02	-1.4370 00	9.92480-01	3.3810-04	2.7700-22
31	2.1540-02	1.0670 04	2.8550 03	1.5760 02	1.1470-08	1.2960-01	-7.4010-02	-1.3970 00	9.92810-01	4.1730-04	6.5340-22
33	2.9290-02	1.1030 04	3.4120 03	1.8930 02	1.3510-08	1.4780-01	-3.3860-02	-1.4900 00	9.93170-01	5.2000-04	1.5860-21
35	3.9810-02	1.1190 04	4.0760 03	2.2760 02	1.5890-08	1.6840-01	3.5910-02	-1.3980 00	9.93580-01	6.6030-04	4.0820-21
37	5.4120-02	1.1360 04	4.8680 03	2.7360 02	1.8680-08	1.9200-01	1.5950-02	-1.5080 00	9.93970-01	8.3840-04	1.0500-20
39	7.3560-02	1.1560 04	5.8120 03	3.2950 02	2.1920-08	2.1880-01	-1.0410-01	-1.3830 00	9.94470-01	1.1080-03	3.0620-20
41	1.0000-01	1.1780 04	6.9380 03	3.9810 02	2.5650-08	2.4930-01	-1.1380-01	-2.1190-01	9.95050-01	1.5360-03	1.0390-19
43	1.2590-01	1.1970 04	7.9230 03	4.6000 02	2.8810-08	2.7500-01	3.5250-02	3.6750-01	9.95540-01	2.0290-03	2.8990-19
45	1.5850-01	1.2180 04	9.0440 03	5.3300 02	3.2290-08	3.0410-01	2.6540-01	5.2710-01	9.96030-01	2.7530-03	8.7530-19
47	1.9950-01	1.2460 04	1.0320 04	6.2020 02	3.6110-08	3.3770-01	4.1370-01	4.7520-01	9.96530-01	3.8330-03	2.8840-18
49	2.5120-01	1.2670 04	1.1760 04	7.2610 02	4.0240-08	3.7800-01	3.3270-01	2.2370-01	9.96980-01	5.5110-03	1.0570-17
51	3.1620-01	1.2960 04	1.3370 04	8.5650 02	4.4620-08	4.2890-01	1.2030-01	1.8100-01	9.97340-01	8.0960-03	4.1790-17
53	3.9810-01	1.3280 04	1.5010 04	1.2420 03	4.9110-08	4.9840-01	9.9170-03	3.0210-01	9.97690-01	1.2210-02	1.8170-16
55	5.0120-01	1.3630 04	1.7010 04	1.5370 03	5.3460-08	5.9920-01	8.5100-02	3.2990-01	9.98010-01	1.8650-02	8.4030-16
57	6.3100-01	1.4020 04	1.8940 04	1.5370 03	5.7340-08	7.5330-01	-4.2850-02	4.0230-01	9.98280-01	2.8680-02	4.0740-15
59	7.9430-01	1.4450 04	2.0820 04	1.9370 03	6.0400-08	9.9290-01	-2.0080-01	1.0620 00	9.98520-01	4.3690-02	1.9740-14
61	1.0000 00	1.4900 04	2.2530 04	2.4730 03	6.2230-08	1.3670 00	-2.5760-01	1.5130 00	9.98720-01	6.5590-02	9.4410-14
63	1.2590 00	1.5340 04	2.4130 04	3.1410 03	6.3220-08	1.8980 00	-1.2330-01	3.1750 00	9.98870-01	9.3730-02	3.8680-13
65	1.5850 00	1.5820 04	2.5550 04	4.0140 03	6.2910-08	2.7090 00	5.0690-01	-7.2920-01	9.99010-01	1.3280-01	1.6040-12
67	1.9950 00	1.6330 04	2.6780 04	5.1360 03	6.1240-08	3.9330 00	6.3890-01	-7.2920-01	9.99150-01	1.8690-01	6.7880-12
69	2.5120 00	1.6910 04	2.7850 04	6.5610 03	5.8150-08	5.7720 00	-9.5580-03	-4.5040 00	9.99270-01	2.6260-01	3.0660-11
71	3.1620 00	1.7520 04	2.8770 04	8.1530 04	5.4390-08	8.1400 00	-7.7340-01	-4.0900 00	9.99290-01	3.5560-01	1.3100-10
73	3.9810 00	1.8120 04	2.9610 04	9.7980 03	5.0520-08	1.0870 01	-1.1120 00	1.2460 00	9.99340-01	4.6130-01	5.1420-10
75	5.0120 00	1.8730 04	3.0420 04	1.1380 04	4.6970-08	1.3630 01	-1.7820-01	5.8740 00	9.99400-01	5.7110-01	1.8590-09
77	6.3100 00	1.9400 04	3.1250 04	1.2880 04	4.3770-08	1.6070 01	1.2110 00	6.4340-01	9.99470-01	6.8170-01	6.7500-09
79	7.9430 00	2.0080 04	3.2160 04	1.4200 04	4.1350-08	1.7770 01	4.1050-01	-3.8390 00	9.99540-01	7.7670-01	2.3080-08
81	1.0000 01	2.0820 04	3.3240 04	1.5380 04	3.9640-08	1.8620 01	-9.0330-01	-1.4340 00	9.99610-01	8.5240-01	7.7940-08
83	1.2590 01	2.1670 04	3.4560 04	1.6520 04	3.8470-08	1.8630 01	-1.1140 00	-2.5400-01	9.99690-01	9.1040-01	2.8450-07
85	1.5850 01	2.2480 04	3.6210 04	1.7610 04	3.8230-08	1.8230 01	-3.5140-01	5.5420 00	9.99740-01	9.9350-01	8.6350-07
87	1.9950 01	2.3300 04	3.8390 04	1.8860 04	3.8740-08	1.7750 01	1.5400 00	4.4190 00	9.99780-01	9.6350-01	2.4010-06
89	2.5120 01	2.4150 04	4.1220 04	2.0380 04	3.9880-08	1.7310 01	8.4400-01	-6.9620 00	9.99820-01	9.7630-01	6.4310-06
91	3.1620 01	2.5080 04	4.4880 04	2.2280 04	4.1650-08	1.6910 01	-8.3600-01	-1.4500 00	9.99850-01	9.8460-01	1.7250-05
93	3.9810 01	2.6190 04	4.9620 04	2.4690 04	4.4000-08	1.6420 01	6.9710-01	-8.2430-01	9.99860-01	9.8910-01	5.0620-05
95	5.0120 01	2.7300 04	5.5730 04	2.7760 04	4.7350-08	1.6280 01	4.11850-01	2.4608 00	9.99860-01	9.9190-01	1.3230-04
97	6.3100 01	2.8380 04	6.3430 04	3.1630 04	5.1780-08	1.6470 01	2.8650-01	1.1920-01	9.99870-01	9.9360-01	3.1110-04
99	7.9430 01	2.9500 04	7.2950 04	3.6410 04	5.7240-08	1.6870 01	3.3590-01	-1.5660 00	9.99870-01	9.9460-01	6.9460-04



TEFF = 14000.0 LOG(G) = 4.00 X = 0.01640 Y = 0.98360									
_AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	4.560D 00	1061.56	2.142D 08	205C.00	2.108D 08	3696.18	7.006D 07	4034.83	1.013D 08
546.43	2.738D 01	1086.41	2.873D 08	2127.72	1.976D 08	3697.15	7.008D 07	4078.38	9.087D 07
649.38	7.536D 02	1100.00	3.117D 08	2292.47	1.727D 08	3698.31	7.001D 07	4101.73	3.633D 07
800.11	1.789D 04	1112.26	3.290D 08	2484.88	1.483D 08	3700.50	6.998D 07	4141.06	9.278D 07
911.76	8.860D 04	1136.26	3.490D 08	2600.00	1.357D 08	3702.69	6.917D 07	4217.72	9.032D 07
911.76	8.786D 04	1161.33	3.533D 08	2600.00	1.357D 08	3703.85	6.905D 07	4297.27	8.337D 07
913.07	1.581D 05	1175.00	3.431D 08	2677.27	1.295D 08	3705.25	6.902D 07	4340.46	3.327D 07
915.54	1.842D 05	1181.83	3.317D 08	2837.09	1.146D 08	3707.91	6.914D 07	4422.28	7.751D 07
918.03	2.050D 05	1194.99	2.608D 08	3017.20	1.005D 08	3710.56	6.763D 07	4586.15	6.915D 07
919.35	2.127D 05	1208.45	2.886D 07	3121.75	9.336D 07	3711.97	6.726D 07	4762.63	6.081D 07
919.63	2.141D 05	1215.67	2.975D 06	3121.76	9.360D 07	3713.69	6.757D 07	4861.32	2.568D 07
920.16	2.160D 05	1216.42	2.990D 06	3169.76	9.054D 07	3716.95	6.816D 07	4892.89	5.296D 07
920.68	2.191D 05	1217.83	4.783D 06	3264.93	8.485D 07	3720.21	6.539D 07	4953.86	5.340D 07
920.96	2.205D 05	1219.25	7.923D 06	3365.99	7.931D 07	3721.94	6.438D 07	5016.38	5.144D 07
921.34	2.221D 05	1220.00	9.947D 06	3421.87	7.644D 07	3724.08	6.592D 07	5050.00	5.034D 07
922.06	2.241D 05	1223.41	3.713D 07	3421.87	7.784D 07	3728.14	6.798D 07	5123.58	4.802D 07
922.77	2.280D 05	1229.92	1.752D 08	3458.74	7.590D 07	3732.22	6.331D 07	5269.12	4.376D 07
923.15	2.295D 05	1236.90	2.686D 08	3530.87	7.228D 07	3734.37	6.066D 07	5423.16	3.975D 07
923.68	2.315D 05	1240.00	2.976D 08	3606.08	6.876D 07	3737.09	6.479D 07	5508.11	3.774D 07
924.69	2.378D 05	1249.96	3.404D 08	3647.05	6.694D 07	3742.24	6.916D 07	5665.32	3.435D 07
925.69	2.401D 05	1269.29	3.667D 08	3647.05	6.404D 07	3747.42	6.080D 07	5989.38	2.849D 07
926.22	2.425D 05	1289.23	3.734D 08	3649.67	6.387D 07	3750.15	5.444D 07	6352.76	2.333D 07
927.00	2.456D 05	1300.00	3.742D 08	3654.64	6.386D 07	3753.67	6.366D 07	6562.80	1.226D 07
928.48	2.663D 05	1315.23	3.738D 08	3659.62	6.421D 07	3760.36	7.305D 07	6797.77	1.854D 07
929.96	2.566D 05	1348.15	3.696D 08	3662.26	6.453D 07	3767.08	6.117D 07	7292.74	1.459D 07
930.75	2.597D 05	1381.65	3.629D 08	3665.27	6.501D 07	3770.63	4.940D 07	7865.45	1.125D 07
931.96	2.711D 05	1400.00	3.586D 08	3670.98	6.617D 07	3775.31	6.555D 07	8205.87	9.775D 06
934.26	3.436D 05	1419.35	3.545D 08	3676.71	6.752D 07	3784.22	7.999D 07	8205.87	9.982D 06
936.58	3.007D 05	1457.53	3.450D 08	3679.74	6.820D 07	3793.16	6.276D 07	8862.47	8.410D 06
937.80	2.931D 05	1497.83	3.343D 08	3680.27	6.848D 07	3797.90	4.435D 07	10448.64	4.615D 06
939.84	3.781D 05	1520.00	3.289D 08	3681.28	6.869D 07	3804.32	6.898D 07	12726.36	2.231D 06
943.74	5.732D 05	1545.12	3.227D 08	3682.28	6.890D 07	3816.55	8.956D 07	14380.00	1.416D 06
947.66	4.430D 05	1595.10	3.096D 08	3682.81	6.901D 07	3828.85	6.913D 07	15890.88	1.006D 06
949.74	3.377D 05	1648.41	2.958D 08	3683.50	6.913D 07	3835.38	4.209D 07	19843.04	4.324D 05
953.60	7.200D 05	1678.00	2.884D 08	3684.82	6.937D 07	3844.54	7.803D 07	26411.82	1.457D 05
961.00	1.383D 06	1723.39	2.777D 08	3686.13	6.957D 07	3862.03	9.904D 07	32000.00	6.917D 04
968.52	1.173D 06	1816.53	2.561D 08	3686.83	6.969D 07	3879.67	7.694D 07	34121.04	5.385D 04
972.54	4.607D 05	1920.32	2.347D 08	3687.64	6.979D 07	3889.05	3.978D 07	39024.39	3.185D 04
981.32	4.369D 06	1980.00	2.233D 08	3689.19	6.998D 07	3902.80	8.763D 07	45573.51	1.732D 04
998.42	3.935D 07	1991.74	2.212D 08	3690.73	7.005D 07	3929.14	1.041D 08	50000.00	1.203D 04
1016.12	1.076D 07	2014.39	2.172D 08	3691.55	7.015D 07	3955.84	8.787D 07	54724.75	8.423D 03
1025.72	7.270D 05	2037.56	2.130D 08	3692.52	7.018D 07	3970.07	3.864D 07	66666.67	3.859D 03
1037.82	3.467D 07	2050.00	2.108D 08	3694.35	7.031D 07	3992.20	9.613D 07	85275.25	1.454D 03

TEFF = 14000.0 LOG(G) = 4.50 X = 0.01640 Y = 0.98360

I	TAJ	TE	PG	DE	RHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.0000-04	3.4560-03	1.5430-02	8.8100-15	8.4190-02	-1.1580-01	5.1950 01	1.0000 00	7.9430-01	7.9680-16
3	1.0000-07	9.1700-03	1.7360-01	1.3570-02	8.0650-13	8.8740-03	-1.1580-01	3.3770 01	9.9980-01	2.3790-02	5.9220-21
5	1.0000-06	8.9000-03	4.2580 00	2.5110-01	2.0790-11	6.9900-03	-1.1540-01	4.1500 02	9.9900-01	4.8450-04	7.7980-25
7	1.0000-05	9.3270-03	3.8290 01	2.2250 00	1.7870-10	9.7270-03	-1.1590-01	2.1370 02	9.8260-01	2.6180-04	1.3220-24
9	1.0000-04	9.7640-03	2.2010 02	1.2500 01	9.8240-10	2.1400-02	-1.1750-01	3.3230 00	9.6030-01	2.0520-04	4.2700-24
11	1.0000-03	9.7140-03	9.2180 02	4.5780 01	4.1630-09	5.7190-02	1.5710 00	-9.5630 00	8.5440-01	4.6620-05	1.8370-25
13	1.3590-03	9.7760-03	1.1070 03	5.5750 01	4.9720-09	6.5080-02	2.5170 00	-9.5820 00	8.4710-01	4.7800-05	2.4160-25
15	1.8480-03	9.9760-03	1.3290 03	6.6870 01	5.9090-09	7.4340-02	2.5290 00	-8.7550 00	8.5060-01	5.3980-05	4.3260-25
17	2.5120-03	9.9860 01	1.5920 03	8.6480 01	6.9960-09	8.5090-02	2.2250 00	-8.8960 00	8.4670-01	6.4610-05	9.3160-25
19	3.4150-03	1.0110 04	1.9050 03	9.6750 01	8.2670-09	9.7380-02	1.5090 00	-5.0750 00	8.5470-01	7.7760-05	2.0370-24
21	4.6420-03	1.0240 04	2.2760 03	1.1650 02	9.7420-09	1.1150-01	7.4570-01	-3.1860 00	8.6130-01	9.7220-05	5.0210-24
23	6.3100-03	1.0380 04	2.7170 03	1.4010 02	1.1470-08	1.2760-01	4.0340-01	-1.3850 00	8.6800-01	1.2200-04	1.2500-23
25	8.5770-03	1.0520 04	3.2400 03	1.6830 02	1.3490-08	1.4590-01	4.1160-01	-6.8790-02	8.7390-01	1.5180-04	3.0240-23
27	1.1660-02	1.0670 04	3.8630 03	2.0200 02	1.5860-08	1.6690-01	3.0660-01	9.4000-01	8.7960-01	1.8820-04	7.2320-23
29	1.5850-02	1.0800 04	4.6030 03	2.4160 02	1.8670-08	1.9080-01	3.3640-02	7.4700-01	8.8260-01	2.2380-04	1.5100-22
31	2.1540-02	1.0930 04	5.4820 03	2.8910 02	2.1950-08	2.1820-01	-5.4340-02	4.8040-01	8.8620-01	2.6910-04	3.2700-22
33	2.9290-02	1.1090 04	6.5270 03	3.4630 02	2.5760-08	2.4960-01	2.6200-02	-2.0370-02	8.9120-01	3.3140-04	7.6220-22
35	3.9810-02	1.1240 04	7.7690 03	4.1490 02	3.0230-08	2.8540-01	1.0510-01	-7.2020-01	8.9610-01	4.0910-04	1.7920-21
37	5.4120-02	1.1420 04	9.2460 03	4.9790 02	3.5410-08	3.2620-01	1.9310-02	-7.1620-01	9.0250-01	5.2180-04	4.6620-21
39	7.3500-02	1.1610 04	1.1000 04	5.9870 02	4.1420-08	3.7270-01	-1.7580-01	-5.5070-01	9.1000-01	6.8600-04	1.3350-20
41	1.0000-01	1.1830 04	1.3090 04	7.2150 02	4.8340-08	4.2550-01	-5.5510-02	3.6560-01	9.1870-01	9.3660-04	4.3070-20
43	1.2590-01	1.2010 04	1.4920 04	8.3190 02	5.4200-08	4.6980-01	1.7310-01	6.0650-01	9.2610-01	1.2260-03	1.1590-19
45	1.5850-01	1.2220 04	1.7000 04	9.6110 02	6.0680-08	5.1880-01	5.2240-01	2.5130-01	9.3370-01	1.6420-03	3.3640-19
47	1.9950-01	1.2440 04	1.9370 04	1.1140 03	6.7830-08	5.7350-01	5.4180-01	-2.1770-01	9.4150-01	2.2620-03	3.7810-18
49	2.5120-01	1.2690 04	2.2070 04	1.2950 03	7.5630-08	6.3560-01	5.4080-01	-9.2870-01	9.4880-01	3.2260-03	3.7810-18
51	3.1520-01	1.2970 04	2.5130 04	1.5140 03	8.4110-08	7.0880-01	2.5050-01	-1.3530 00	9.5500-01	4.7220-03	1.4590-17
53	3.9810-01	1.3290 04	2.8550 04	1.7880 03	9.3070-08	8.0220-01	1.9650-02	-1.4630 00	9.6120-01	7.1460-03	6.3170-17
55	5.0120-01	1.3640 04	3.2320 04	2.1380 04	1.0220-07	9.2960-01	1.5700-02	-1.1290 00	9.6700-01	1.1080-02	2.9930-16
57	6.3100-01	1.4030 04	3.6340 04	2.6000 03	1.1110-07	1.1160 00	-1.5800-01	-8.0500-01	9.7210-01	1.7360-02	1.4970-15
59	7.9430-01	1.4450 04	4.0480 04	3.2160 03	1.1920-07	1.3950 00	-3.2880-01	9.3800-02	9.7640-01	2.6950-02	7.4320-15
61	1.0000 00	1.4900 04	4.4540 04	4.0450 03	1.2560-07	1.8270 00	-2.5900-01	9.7390-01	9.7980-01	4.1190-02	3.6140-14
63	1.2590 00	1.5330 04	4.8400 04	5.0760 03	1.3060-07	2.4300 00	-7.9100-02	2.5730 00	9.8340-01	5.9460-02	1.4810-13
65	1.5850 00	1.5800 04	5.2000 04	6.4500 03	1.3320-07	3.3520 00	4.5240-01	2.1430 00	9.8470-01	8.5400-02	6.1510-13
67	1.9950 00	1.6310 04	5.5220 04	8.2610 03	1.3310-07	4.7660 00	7.5000-01	-4.1250-01	9.8680-01	1.2180-01	2.5850-12
69	2.5120 00	1.6680 04	5.8040 04	1.0650 04	1.2980-07	6.9510 00	8.9540-02	-3.9040 00	9.8850-01	1.7370-01	1.1390-11
71	3.1620 00	1.7470 04	6.0460 04	1.3540 04	1.2410-07	1.0030 01	-5.5620-01	-4.3310 00	9.8870-01	2.4190-01	4.8960-11
73	3.9810 00	1.8070 04	6.2600 04	1.6760 04	1.1720-07	1.1390 01	-8.3050-01	4.1100-01	9.8920-01	3.2390-01	1.9120-10
75	5.0120 00	1.8690 04	6.4570 04	2.0190 04	1.0970-07	1.8660 01	-1.0460-01	4.8750 00	9.9000-01	4.1940-01	2.6730-09
77	6.3100 00	1.9360 04	6.6450 04	2.3840 04	1.0170-07	2.4000 01	9.4730-01	4.6760-01	9.9110-01	5.3090-01	7.4320-08
79	7.9430 00	2.0060 04	6.8340 04	2.7290 04	9.4580-08	2.8920 01	3.0710-01	-3.1330 00	9.9230-01	6.4270-01	9.6370-09
81	1.0000 01	2.0810 04	7.0380 04	3.0430 04	8.8700-08	3.2670 01	-6.2860-01	-1.2720 00	9.9350-01	7.4650-01	3.4250-08
83	1.2590 01	2.1680 04	7.2720 04	3.3350 04	8.3900-08	3.4770 01	-7.9950-01	-2.1130 00	9.9480-01	8.3730-01	1.3160-07
85	1.5850 01	2.2510 04	7.5570 04	3.5820 04	8.1580-08	3.5150 01	-3.8340-01	2.5640 00	9.9580-01	8.9490-01	4.2070-07
87	1.9950 01	2.3350 04	7.9180 04	3.8280 04	8.0920-08	3.5660 01	1.1370 00	2.9500 00	9.9660-01	9.3220-01	1.2330-06
89	2.5120 01	2.4230 04	8.3830 04	4.1040 04	8.1610-08	3.7370 01	1.0310 00	-5.8420 00	9.9720-01	9.5630-01	3.4520-06
91	3.1620 01	2.5170 04	8.9870 04	4.4330 04	8.3620-08	3.2850 01	-7.3590-01	-3.6590 00	9.9770-01	9.7170-01	9.3840-06
93	3.9810 01	2.6260 04	9.7730 04	4.8410 04	8.6780-08	3.1640 01	1.5900 00	-1.8620 00	9.9790-01	9.8050-01	2.7430-05
95	5.0120 01	2.7350 04	1.0790 05	5.3610 04	9.1800-08	3.1030 01	4.7200-01	1.9300 00	9.9800-01	9.8600-01	7.1600-05
97	6.3100 01	2.8430 04	1.2100 05	6.0180 04	9.8760-08	3.0990 01	1.9170-01	-3.0610-01	9.9810-01	9.8950-01	1.7030-04
99	7.9430 01	2.9550 04	1.3730 05	6.8390 04	1.0770-07	3.1370 01	5.0360-01	-2.3440 00	9.9920-01	9.9190-01	3.8280-04

TEFF = 14000.0 LOG(G) = 4.50 X = 0.01640 Y = 0.98360									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	4.5300 00	1061.56	1.5410 08	2050.00	2.1660 08	3696.18	6.9110 07	4034.83	9.9370 07
546.43	2.7450 01	1085.41	2.4470 08	2127.72	2.0280 08	3697.15	6.9200 07	4078.38	8.5780 07
649.38	7.7590 02	1100.00	2.7560 08	2292.47	1.7660 08	3698.31	6.9250 07	4101.73	3.4670 07
800.11	1.8700 04	1112.26	2.9760 08	2484.88	1.5120 08	3700.50	6.9380 07	4141.06	9.0540 07
911.76	9.3790 04	1136.26	3.2500 08	2600.00	1.3820 08	3702.69	6.9160 07	4217.72	9.0140 07
911.76	9.3790 04	1161.33	3.2980 08	2600.00	1.3820 08	3703.85	6.9180 07	4297.27	8.2050 07
913.07	1.4940 05	1175.00	3.1290 08	2677.27	1.3130 08	3705.25	6.9230 07	4340.46	3.1820 07
915.54	1.7090 05	1181.83	2.9330 08	2837.09	1.1610 08	3707.91	6.9360 07	4422.28	7.7450 07
918.03	1.8370 05	1194.99	1.9540 08	3017.20	1.0180 08	3710.56	6.8750 07	4586.15	6.9390 07
919.35	1.7730 05	1208.45	1.5180 07	3121.75	9.4530 07	3711.97	6.8610 07	4762.63	6.0810 07
919.63	1.8820 05	1215.67	2.4900 06	3121.87	9.4700 07	3713.69	6.8740 07	4861.32	2.4710 07
920.16	1.8940 05	1216.42	2.5030 06	3169.76	9.1600 07	3716.95	6.8880 07	4892.89	5.1410 07
920.68	1.9070 05	1217.83	3.9460 06	3264.93	8.5840 07	3720.21	6.7450 07	4953.86	5.3420 07
920.96	1.9110 05	1219.25	6.3590 06	3365.99	8.0230 07	3721.94	6.6960 07	5016.38	5.1610 07
921.34	1.9190 05	1220.00	7.8300 06	3421.87	7.7330 07	3724.08	6.7590 07	5050.00	5.0540 07
922.06	1.9360 05	1223.41	1.8640 07	3421.87	7.8230 07	3728.14	6.8330 07	5123.58	4.8230 07
922.77	1.9520 05	1229.92	1.0240 08	3458.74	7.6300 07	3732.22	6.5610 07	5269.12	4.3980 07
923.15	1.9610 05	1236.50	2.0540 08	3530.87	7.2720 07	3734.37	6.4170 07	5423.16	3.9950 07
923.63	1.9740 05	1240.00	2.4450 08	3606.08	6.9220 07	3737.09	6.6180 07	5508.11	3.7930 07
924.63	1.9960 05	1249.96	3.1210 08	3647.05	6.7410 07	3742.24	6.7920 07	5665.32	3.4520 07
925.69	2.0210 05	1269.29	3.5910 08	3647.05	6.4620 07	3747.42	6.2420 07	5989.38	2.8640 07
926.22	2.0350 05	1289.23	3.7410 08	3649.67	6.4460 07	3750.15	5.8630 07	6352.76	2.3430 07
927.00	2.0570 05	1300.00	3.7740 08	3654.64	6.4350 07	3753.67	6.4230 07	6562.80	1.1870 07
928.48	2.1750 05	1316.23	3.7970 08	3659.62	6.4500 07	3760.36	6.9560 07	6797.77	1.8630 07
929.96	2.1370 05	1348.15	3.7840 08	3662.26	6.4670 07	3767.08	6.1060 07	7292.74	1.4670 07
930.75	2.1590 05	1381.66	3.7340 08	3665.27	6.4940 07	3770.63	5.2930 07	7865.45	1.1310 07
931.90	2.2200 05	1400.00	3.6970 08	3670.98	6.5640 07	3775.31	6.4300 07	8205.87	9.8080 06
934.26	2.7600 05	1419.35	3.6580 08	3676.71	6.6530 07	3784.22	7.3950 07	8205.87	1.0020 07
936.58	2.4300 05	1457.53	3.5670 08	3679.74	6.7020 07	3793.16	6.0540 07	8862.47	8.4400 06
937.80	2.3910 05	1497.83	3.4630 08	3680.27	6.7180 07	3797.90	4.5990 07	10448.64	4.6330 06
949.84	3.0170 05	1520.00	3.4070 08	3681.28	6.7340 07	3804.32	6.5390 07	12726.36	2.2410 06
943.74	4.6820 05	1545.12	3.3430 08	3682.28	6.7500 07	3816.55	8.1790 07	14380.00	1.4230 06
947.66	3.5220 05	1595.10	3.2080 08	3682.81	6.7590 07	3828.85	6.4450 07	15890.88	1.0110 06
949.74	2.7510 05	1648.41	3.0650 08	3683.50	6.7700 07	3835.33	4.2230 07	19843.04	4.3440 05
953.60	5.8330 05	1678.00	2.9870 08	3684.82	6.7900 07	3844.54	7.1620 07	26411.82	1.4640 05
961.00	1.2520 06	1723.39	2.8740 08	3686.13	6.8090 07	3862.03	9.1410 07	32000.00	6.9460 04
968.52	9.4550 05	1816.53	2.6460 08	3686.83	6.8200 07	3879.67	7.0110 07	34121.04	5.4080 04
972.54	3.6900 05	1920.32	2.4180 08	3687.64	6.8300 07	3899.05	3.8830 07	39024.39	3.1970 04
981.32	2.3670 06	1980.00	2.2970 08	3689.19	6.8520 07	3902.80	7.9910 07	45573.51	1.7380 04
998.42	1.5950 07	1991.74	2.2750 08	3690.73	6.8670 07	3929.14	9.9130 07	50000.00	1.2060 04
1016.12	4.6370 06	2014.39	2.2320 08	3691.55	6.8780 07	3955.84	8.0470 07	54724.75	8.4400 03
1025.72	5.9670 05	2037.56	2.1890 08	3692.52	6.8870 07	3970.07	3.7180 07	66666.67	3.8620 03
1037.82	1.1940 07	2050.00	2.1660 08	3694.35	6.9070 07	3992.20	9.0370 07	85275.25	1.4520 03

TEFF = 14000.0 LOG(G) = 2.50 X = 0.14300 Y = 0.85700

I	TAJ	TE	PG	PE	R40	KAPZ	QF (%)	D TE	XH2	XHE2	XHE3
1	1.0700-08	9.3610 03	2.2100-05	1.0990-05	4.0240-17	1.4060-01	-4.0790-01	-6.4070 01	1.0000 00	9.8360-01	1.2980-15
3	1.0000-07	9.3230 03	2.2740-04	1.0800-04	4.3450-16	1.2850-01	-4.0790-01	-3.8620 02	1.0000 00	8.4150-01	8.4600-17
5	1.0000-06	9.2220 03	3.2070-03	1.1450-03	7.5850-15	7.8910-02	-4.0790-01	-5.0060 02	1.0000 00	2.5880-01	1.1410-18
7	1.0000-05	9.2230 03	4.6910-02	1.3820-02	1.2610-13	5.9520-02	-5.0570-01	-5.0120 02	9.9900 00	2.9170-02	1.1550-20
9	1.0000-04	9.4860 03	5.2700-01	1.5160-01	1.3430-12	5.9230-02	-7.2050-01	-4.8130 01	9.9910-01	6.6470-03	1.5970-21
11	1.0000-03	1.0060 04	4.8220 00	1.3830 00	1.1600-11	7.0600-02	-9.4610-01	9.7460 00	9.9730-01	4.7110-03	6.4310-21
13	1.3590-03	9.9300 03	6.3390 00	1.8110 00	1.5470-11	7.9360-02	-9.4540-01	1.2920 01	9.9560-01	2.4020-03	1.0610-21
15	1.8480-03	1.0140 04	8.3050 00	2.3760 00	1.9840-11	7.9360-02	-9.4540-01	1.2030 01	9.9900-01	3.4990-03	4.6430-21
17	2.5120-03	1.0160 04	1.0790 01	3.0820 00	2.5740-11	9.5640-02	-9.4580-01	1.2450 01	9.9500-01	2.8640-03	3.3200-21
19	3.4150-03	1.0190 04	1.3890 01	3.9630 01	3.3060-11	9.3330-02	-9.45380-01	1.2450 01	9.9300-01	2.4200-03	2.5980-21
21	4.6420-03	1.0200 04	1.7720 01	5.0480 00	4.2140-11	1.0290-01	-9.4430-01	1.2520 01	9.9240-01	1.9870-03	1.8390-21
23	6.3100-03	1.0230 04	2.2400 01	6.3730 01	5.3170-11	1.1430-01	-9.42830-01	1.2580 01	9.9090-01	1.6940-03	1.4500-21
25	8.5770-03	1.0270 04	2.8070 01	7.9760 00	6.6400-11	1.2750-01	-9.40940-01	1.2670 01	9.8940-01	1.5260-03	1.3440-21
27	1.1660-02	1.0330 04	3.4930 01	9.9150 00	8.2150-11	1.4260-01	-8.7770-01	1.2790 01	9.8820-01	1.4770-03	1.5460-21
29	1.5850-02	1.0420 04	4.3200 01	1.2260 01	1.0080-10	1.5940-01	-8.2510-01	1.2950 01	9.8740-01	1.5500-03	2.2770-21
31	2.1540-02	1.0540 04	5.3180 04	1.8530 01	1.2260-10	1.7800-01	-7.45380-01	1.3130 01	9.8720-01	1.7570-03	4.2390-21
33	2.9290-02	1.0680 04	6.5260 01	1.8530 01	1.4850-10	1.9860-01	-6.5380-01	1.3330 01	9.8750-01	2.1190-03	9.5470-21
35	3.9810-02	1.0840 04	7.9900 01	2.2710 01	1.7890-10	2.2150-01	-5.4600-01	1.3500 01	9.8810-01	2.6860-03	2.5020-20
37	5.4120-02	1.1030 04	9.7610 01	2.7790 01	2.1480-10	2.4660-01	-4.3510-01	1.3610 01	9.8900-01	3.5620-03	7.5310-20
39	7.3560-02	1.1240 04	1.1910 02	3.3990 01	2.5700-10	2.7420-01	-3.42970-01	1.3630 01	9.9020-01	4.9550-03	2.6280-19
41	1.0000-01	1.1480 04	1.4530 02	4.1600 01	3.0630-10	3.0440-01	-2.03990-01	1.3510 01	9.9150-01	7.2880-03	1.0930-18
43	1.2590-01	1.1690 04	1.6950 02	4.8430 01	3.4870-10	3.2910-01	-1.11230-01	1.3270 01	9.9260-01	1.0040-02	3.5160-18
45	1.5850-01	1.1910 04	1.9550 02	5.6480 01	3.9600-10	3.5600-01	-3.0770-02	1.2890 01	9.9360-01	1.4270-02	4.9090-17
47	2.9890-01	1.2160 04	2.2680 02	6.6010 01	4.4850-10	3.8560-01	-4.3100-02	1.2340 01	9.9460-01	2.0920-02	1.2470-17
49	5.5120-01	1.2440 04	2.6290 02	7.7400 01	5.0600-10	4.1980-01	-3.4270-02	1.1690 01	9.9550-01	3.1410-02	2.1040-16
51	3.1620-01	1.3070 04	3.5130 02	1.0790 02	6.3200-10	5.1250-01	-2.53760-02	1.0510 01	9.9620-01	4.7720-02	9.4930-16
53	3.9810-01	1.3430 04	4.0340 02	1.2850 02	6.9500-10	5.8080-01	-7.3380-02	9.8240 00	9.9710-01	7.3740-02	4.6400-15
55	5.0120-01	1.3780 04	4.6020 02	1.5320 02	7.5570-10	6.6930-01	-1.5210-01	8.9060 00	9.9740-01	1.1340-01	2.3220-14
57	6.3100-01	1.4230 04	5.2010 02	1.8480 02	7.9960-10	7.9500-01	-2.7230-01	7.4720 00	9.9780-01	2.5340-01	5.8690-13
59	7.9430-01	1.4680 04	5.8190 02	2.2200 02	8.3190-10	9.5230-01	-5.0390-02	5.1580 00	9.9820-01	3.6210-01	2.9740-12
61	1.0000 00	1.5160 04	6.4520 02	2.6420 02	8.5280-10	1.1330 00	-2.3520-01	6.1380 00	9.9880-01	4.8960-01	1.4360-11
63	1.2590 00	1.5670 04	7.1120 02	3.0980 02	8.6940-10	1.3170 00	-1.2450-01	6.4810 00	9.9950-01	6.2010-01	6.4790-11
65	1.5850 00	1.6200 04	7.8280 02	3.5780 02	8.8980-10	1.4770 00	-3.5290-02	6.3330 00	9.9900-01	7.3740-01	2.7540-10
67	1.9950 00	1.6760 04	8.6390 02	4.0840 02	9.2220-10	1.5990 00	-1.2260-01	5.7420 00	9.9920-01	8.2780-01	1.0760-09
69	2.5120 00	1.7340 04	9.6010 02	4.6310 02	9.7230-10	1.6800 00	-5.9100-01	4.1440 00	9.9930-01	9.2890-01	1.4650-08
71	3.1620 00	1.7990 04	1.0770 03	5.2690 02	1.0380-09	1.7390 00	-5.9100-01	4.8040 00	9.9930-01	9.2890-01	1.4650-08
73	3.9810 00	1.8670 04	1.2220 03	6.0290 02	1.1260-09	1.7910 00	-4.4980-01	7.4140 00	9.9940-01	9.5560-01	5.1890-08
75	5.0120 00	1.9340 04	1.4010 03	6.9430 02	1.2400-09	1.8560 00	-4.4280-01	6.3730 00	9.9940-01	9.7120-01	1.6030-07
77	6.3100 00	2.0040 04	1.6190 03	8.0490 02	1.3790-09	1.9270 00	-2.7910-01	3.7770 00	9.9940-01	9.8120-01	4.7980-07
79	7.9430 00	2.0800 04	1.8850 03	9.3910 02	1.5430-09	2.0000 00	-1.7120-01	2.8780 00	9.9950-01	9.8790-01	1.4490-06
81	1.0700 01	2.1650 04	2.2100 03	1.1020 03	1.7390-09	2.0710 00	-6.7760-01	5.2110 00	9.9950-01	9.9240-01	4.5160-06
83	1.2590 01	2.2550 04	2.6060 03	1.3010 03	1.9630-09	2.1530 00	-3.7420-01	8.3050 00	9.9950-01	9.9510-01	1.3500-05
85	1.5850 01	2.3450 04	3.0850 03	1.5410 03	2.2340-09	2.2550 00	-6.3950-01	6.1070 00	9.9960-01	9.9670-01	3.7040-05
87	1.9950 01	2.4340 04	3.6600 03	1.8290 03	2.5530-09	2.3830 00	-4.3810-01	4.9430-01	9.9960-01	9.9760-01	9.1340-05
89	2.5120 01	2.5360 04	4.3450 03	2.1720 03	2.9080-09	2.4940 00	-1.3020-01	1.9930-01	9.9960-01	9.9820-01	2.4320-04
91	3.1620 01	2.6560 04	5.1680 03	2.5830 03	3.3020-09	2.5820 00	-1.5250-01	1.3820 00	9.9960-01	9.9800-01	7.0170-04
93	3.9810 01	2.7800 04	6.1630 03	3.0820 03	3.7600-09	2.6910 00	-6.3250-02	2.9610 00	9.9960-01	9.9700-01	1.9060-03
95	5.0120 01	2.9080 04	7.3570 03	3.6820 03	4.2860-09	2.8310 00	-8.4140-02	2.4910 00	9.9960-01	9.9430-01	4.8610-03
97	6.3100 01	3.0430 04	8.7680 03	4.3980 03	4.8720-09	3.0180 00	-7.0430-03	8.3050-01	9.9960-01	9.8740-01	1.1850-02
99	7.9430 01										

TEF = 14000.0			LOG(G) = 2.50		X =		Y = 0.14300		Y = 0.85700	
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM
504.26	5.921D 00	1061.56	3.157D 08	2050.00	2.008D 08	3696.18	6.173D 07	4034.83	9.659D 07	
546.43	3.374D 01	1085.41	3.451D 08	2127.72	1.886D 08	3697.15	5.855D 07	4078.38	9.247D 07	
649.38	8.510D 02	1102.00	3.548D 08	2292.47	1.650D 08	3698.31	6.252D 07	4101.73	2.577D 07	
800.11	1.889D 04	1112.26	3.610D 08	2484.88	1.418D 08	3700.50	6.593D 07	4141.06	8.923D 07	
910.76	9.006D 04	1135.26	3.689D 08	2600.00	1.299D 08	3702.69	6.033D 07	4217.72	8.466D 07	
911.76	8.983D 04	1161.33	3.720D 08	2600.00	1.299D 08	3703.85	5.437D 07	4297.27	7.966D 07	
913.07	2.355D 05	1175.00	3.709D 08	2677.27	1.237D 08	3705.25	6.191D 07	4340.46	2.260D 07	
915.54	2.949D 05	1181.83	3.683D 08	2837.09	1.098D 08	3707.91	6.819D 07	4422.28	7.301D 07	
918.03	3.474D 05	1194.99	3.550D 08	3017.20	9.642D 07	3710.55	5.999D 07	4586.15	6.512D 07	
919.35	3.687D 05	1208.45	2.212D 08	3121.75	8.960D 07	3711.97	4.994D 07	4762.63	5.767D 07	
919.63	3.713D 05	1215.67	5.341D 06	3121.76	8.978D 07	3713.69	6.248D 07	4861.32	1.807D 07	
920.16	3.738D 05	1216.42	5.360D 06	3169.76	8.684D 07	3716.95	7.204D 07	4892.89	5.251D 07	
920.68	3.798D 05	1217.83	1.184D 07	3264.93	8.149D 07	3720.21	5.995D 07	4953.86	5.082D 07	
920.96	3.850D 05	1219.25	5.059D 07	3365.99	7.628D 07	3721.94	4.464D 07	5016.38	4.884D 07	
921.34	3.923D 05	1220.00	8.854D 07	3421.97	7.357D 07	3724.08	6.341D 07	5050.00	4.781D 07	
922.06	3.979D 05	1223.41	2.385D 08	3421.97	7.446D 07	3728.14	7.797D 07	5123.58	4.564D 07	
922.77	4.050D 05	1229.92	3.304D 08	3458.74	7.266D 07	3732.22	6.275D 07	5269.12	4.167D 07	
923.15	4.094D 05	1236.50	3.533D 08	3530.87	6.931D 07	3734.37	4.123D 07	5423.16	3.794D 07	
923.68	4.152D 05	1240.00	3.585D 08	3606.08	6.602D 07	3737.09	6.748D 07	5508.11	3.606D 07	
924.69	4.375D 05	1249.96	3.648D 08	3647.05	6.433D 07	3742.24	3.554D 07	5665.32	3.288D 07	
925.69	4.419D 05	1269.29	3.665D 08	3647.05	6.150D 07	3747.42	6.655D 07	5989.38	2.735D 07	
926.22	4.476D 05	1289.23	3.645D 08	3649.67	6.139D 07	3750.15	3.824D 07	6352.76	2.248D 07	
927.00	4.547D 05	1300.00	3.629D 08	3654.64	6.222D 07	3753.67	7.275D 07	6562.80	9.547D 06	
928.48	5.131D 05	1316.23	3.600D 08	3659.62	6.436D 07	3760.36	9.396D 07	6797.77	1.792D 07	
929.96	4.830D 05	1348.15	3.537D 08	3662.26	6.594D 07	3767.08	7.416D 07	7292.74	1.413D 07	
930.75	4.910D 05	1381.65	3.464D 08	3665.27	6.787D 07	3770.63	3.614D 07	7865.45	1.092D 07	
931.96	5.237D 05	1400.00	3.422D 08	3670.98	7.040D 07	3775.31	8.193D 07	8205.87	9.480D 06	
934.26	7.265D 05	1419.35	3.373D 08	3676.71	6.987D 07	3784.22	1.013D 08	8205.87	9.615D 06	
936.58	6.012D 05	1457.53	3.280D 08	3679.74	6.856D 07	3793.16	8.203D 07	8862.47	8.111D 06	
937.80	5.741D 05	1497.83	3.182D 08	3680.27	6.883D 07	3797.90	3.444D 07	10448.64	4.478D 06	
943.74	1.401D 06	1520.00	3.130D 08	3681.28	6.840D 07	3804.32	9.068D 07	12726.36	2.176D 06	
947.66	9.775D 05	1545.12	3.065D 08	3682.28	6.737D 07	3816.55	1.059D 08	14380.00	1.384D 06	
949.74	6.686D 05	1648.41	2.817D 08	3682.81	6.672D 07	3828.85	9.209D 07	15890.88	9.832D 05	
953.60	2.242D 06	1678.00	2.748D 08	3683.50	6.704D 07	3835.38	3.267D 07	19843.04	4.240D 05	
961.00	1.838D 07	1723.39	2.642D 08	3684.82	6.696D 07	3844.54	9.906D 07	26411.82	1.434D 05	
968.52	9.244D 06	1816.53	2.441D 08	3686.13	6.547D 07	3862.03	1.067D 08	32000.00	6.829D 04	
972.54	9.470D 05	1920.32	2.238D 08	3687.64	6.534D 07	3879.67	9.743D 07	34121.04	5.325D 04	
981.32	7.295D 07	1980.00	2.127D 08	3689.19	6.580D 07	3899.05	3.072D 07	39024.39	3.159D 04	
998.42	1.672D 08	1991.74	1.070D 08	3690.73	6.328D 07	3902.80	1.013D 08	45573.51	1.725D 04	
1016.12	1.447D 08	2014.39	2.067D 08	3691.55	6.138D 07	3929.14	1.037D 08	50000.00	1.201D 04	
1025.72	1.403D 06	2037.56	2.029D 08	3692.52	6.351D 07	3955.84	9.859D 07	54724.75	8.430D 03	
1037.82	2.120D 08	2050.00	2.008D 08	3694.35	6.533D 07	3970.07	2.820D 07	66666.67	3.885D 03	
						3992.20	9.837D 07	85275.25	1.474D 03	

TEFF = 14000.0 LOG(G) = 3.00 X = 0.14300 Y = 0.85700

I	TAU	TE	PG	PE	RHO	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	9.3140 03	7.2440-05	3.5550-05	1.3440-16	1.3690-01	-4.1240-01	-2.0500 02	1.0000 00	9.3980-01	2.6830-16
3	1.0000-07	9.1720 03	8.5020-04	3.4820-04	1.8570-15	9.8510-02	-4.1240-01	-4.9790 02	1.0000 00	4.8900-01	4.8210-18
5	1.0000-06	9.0330 03	1.4210-02	4.2520-03	3.7400-14	6.0710-02	-4.1240-01	-4.9040 02	9.9990-01	4.4580-02	1.1970-20
7	1.0000-05	9.0050 03	1.6820-01	4.8240-02	4.5190-13	5.7850-02	-5.1460-01	-4.8890 02	9.9920-01	3.6940-03	7.0090-23
9	1.0000-04	9.5060 03	1.6530 00	4.7280-01	4.2130-12	6.2630-02	-8.1960-01	-2.2160 00	9.9730-01	2.2950-03	2.0490-22
11	1.0000-03	1.0010 04	1.3060 01	3.7180 00	3.1660-11	9.3170-02	-9.3730-01	1.2060 01	9.9220-01	1.5100-03	5.5580-22
13	1.3590-03	1.0060 04	1.6700 01	4.7480 00	4.0310-11	1.0240-01	-9.4390-01	1.2030 01	9.9090-01	1.3540-03	5.1990-22
15	1.8480-03	1.0050 04	2.1150 01	6.0030 00	5.1130-11	1.1430-01	-9.3860-01	1.2440 01	9.8850-01	1.0620-03	3.1630-22
17	2.5120-03	1.0050 04	2.6550 01	7.5180 00	6.4220-11	1.2840-01	-9.1460-01	1.2490 01	9.8570-01	8.5410-04	2.0630-22
19	3.4150-03	1.0070 04	3.3030 01	9.3330 00	7.9860-11	1.4500-01	-9.0340-01	1.2560 01	9.8280-01	7.1920-04	1.5370-22
21	4.6420-03	1.0100 04	4.0820 01	1.1510 01	9.8450-11	1.6390-01	-8.3170-01	1.2620 01	9.8000-01	6.4300-04	1.3690-22
23	6.3100-03	1.0160 04	5.0150 01	1.4110 01	1.2040-10	1.8530-01	-8.3810-01	1.2720 01	9.7770-01	6.1910-04	1.5270-22
25	8.5770-03	1.0240 04	6.1320 01	1.7240 01	1.4610-10	2.0900-01	-7.5920-01	1.2830 01	9.7630-01	6.4540-04	2.1730-22
27	1.1660-02	1.0340 04	7.4770 01	2.1020 01	1.7630-10	2.3540-01	-6.7370-01	1.2960 01	9.7580-01	7.2270-04	3.8520-22
29	1.5890-02	1.0470 04	9.0970 01	2.5580 01	2.1190-10	2.6470-01	-6.0780-01	1.3090 01	9.7620-01	8.5360-04	8.0500-22
31	2.1540-02	1.0610 04	1.1050 02	3.1090 01	2.5390-10	2.9750-01	-5.3450-01	1.3200 01	9.7700-01	1.0450-03	1.8730-21
33	2.9290-02	1.0760 04	1.3400 02	3.7750 01	3.0340-10	3.3450-01	-4.3880-01	1.3280 01	9.7950-01	1.3070-03	4.6660-21
35	3.9810-02	1.0930 04	1.6230 02	4.5810 01	3.6170-10	3.7570-01	-3.1850-01	1.3290 01	9.7810-01	1.6840-03	1.2710-20
37	5.4120-02	1.1120 04	1.9650 02	5.5560 02	4.3020-10	4.2140-01	-1.9720-01	1.3190 01	9.8130-01	2.2440-03	3.8480-20
39	7.3560-02	1.1330 04	2.3790 02	6.7410 01	5.1070-10	4.7200-01	-1.4550-01	1.2980 01	9.8330-01	3.0920-03	1.2900-19
41	1.0000-01	1.1560 04	2.8800 02	8.1870 01	6.0510-10	5.2730-01	-9.5250-02	1.2620 01	9.8550-01	4.4530-03	4.9720-19
43	1.2590-01	1.1760 04	3.3250 02	9.4810 01	6.8590-10	5.7160-01	-2.9300-02	1.2320 01	9.8720-01	6.1010-03	1.5560-18
45	1.5850-01	1.1970 04	3.8410 02	1.0990 02	7.7700-10	6.1980-01	-7.3610-02	1.1840 01	9.8890-01	8.4630-03	5.0740-18
47	1.9950-01	1.2210 04	4.4390 02	1.2770 02	8.7870-10	6.7150-01	-1.7500-01	1.1120 01	9.9040-01	1.2130-02	1.8370-17
49	2.5120-01	1.2470 04	5.1320 02	1.4860 02	9.9170-10	7.2820-01	2.5530-01	1.0190 01	9.9190-01	1.7830-02	7.2400-17
51	3.1620-01	1.2760 04	5.9340 02	1.7370 02	1.1160-09	7.9200-01	2.5370-01	9.1010 00	9.9310-01	2.7020-02	3.1630-16
53	3.9810-01	1.3090 04	6.8590 02	2.0390 02	1.2500-09	8.6770-01	2.7980-01	7.9640 00	9.9390-01	4.1800-02	1.4970-15
55	5.0120-01	1.3440 04	7.9120 02	2.4070 02	1.3900-09	9.6290-01	3.9480-01	6.5370 00	9.9480-01	6.5220-02	7.4560-15
57	6.3100-01	1.3810 04	9.0930 02	2.8610 02	1.5310-09	1.0880 00	3.2630-01	5.0290 00	9.9550-01	1.0090-01	3.7480-14
59	7.9430-01	1.4220 04	1.0390 03	3.4190 02	1.6630-09	1.2550 00	1.6420-01	3.8810 00	9.9620-01	1.5310-01	1.8600-13
61	1.0000 00	1.4660 04	1.1770 03	4.1100 02	1.7740-09	1.4800 00	-2.93250-01	3.8250 00	9.9690-01	2.2880-01	9.4750-13
63	1.2590 00	1.5110 04	1.3230 03	4.9280 02	1.8630-09	1.7640 00	-5.1640-01	4.9830 00	9.9740-01	3.2440-01	4.4320-12
65	1.5850 00	1.5590 04	1.4740 03	5.8720 02	1.9290-09	2.0990 00	-1.5910-01	6.1150 00	9.9790-01	4.3860-01	1.9770-11
67	1.9950 00	1.6100 04	1.6340 03	6.9280 02	1.9820-09	2.4600 00	3.0270-01	5.1470 00	9.9830-01	5.6160-01	8.3840-11
69	2.5120 00	1.6650 04	1.8050 03	8.0730 02	2.0360-09	2.8060 00	4.6050-01	2.6330 00	9.9860-01	6.8110-01	3.4320-10
71	3.1620 00	1.7240 04	1.9990 03	9.2870 02	2.1050-09	3.0820 00	1.1990-01	1.8680-01	9.9880-01	7.8080-01	1.3720-09
73	3.9810 00	1.7870 04	2.2230 03	1.0610 03	2.2060-09	3.2860 00	-9.8170-01	2.3140 00	9.9890-01	8.5560-01	5.2050-09
75	5.0120 00	1.9510 04	2.4910 03	1.2090 03	2.3500-09	3.4450 00	-3.0480-01	7.5910 00	9.9890-01	9.0580-01	1.7930-08
77	6.3100 00	1.9150 04	2.8160 03	1.3810 03	2.5430-09	3.5910 00	5.1550-01	7.4490 00	9.9900-01	9.3750-01	5.5280-08
79	7.9430 00	1.9810 04	3.2100 03	1.5840 03	2.7840-09	3.7400 00	4.5790-01	4.2850 00	9.9910-01	9.5840-01	1.6140-07
81	1.0000 01	2.0550 04	3.6890 03	1.8290 03	3.0700-09	3.8730 00	1.1130-01	1.9590 00	9.9910-01	9.7310-01	4.9110-07
83	1.2590 01	2.1410 04	4.2760 03	2.1270 03	3.4050-09	3.9800 00	-2.9490-01	4.3580-01	9.9920-01	9.8340-01	1.6270-06
85	1.5850 01	2.2270 04	4.9940 03	2.4890 03	3.8180-09	4.1340 00	-4.3290-01	2.8050 00	9.9930-01	9.8920-01	4.7610-06
87	1.9950 01	2.3110 04	5.8630 03	2.9250 03	4.3140-09	4.3320 00	2.9480-01	4.2290 00	9.9930-01	9.9270-01	1.2600-05
89	2.5120 01	2.3960 04	6.9050 03	3.4470 03	4.8980-09	4.5720 00	2.5610-01	2.1150 00	9.9940-01	9.9490-01	3.0790-05
91	3.1620 01	2.4920 04	8.1510 03	4.0710 03	5.5550-09	4.7890 00	-1.2620-01	2.3460 00	9.9940-01	9.9650-01	7.9740-05
93	3.9810 01	2.6080 04	9.6520 03	4.8220 03	6.2830-09	4.9430 00	3.0440-01	7.2780-01	9.9940-01	9.9720-01	2.3280-04
95	5.0120 01	2.7280 04	1.1470 04	5.7340 03	7.1390-09	5.1460 00	3.3460-01	-5.6680-01	9.9950-01	9.9730-01	6.3650-04
97	6.3100 01	2.8500 04	1.3670 04	6.9350 03	8.1400-09	5.3960 00	-1.3330-01	-7.5500-01	9.9950-01	9.9670-01	1.6000-03
99	7.9430 01	2.9790 04	1.6300 04	8.1550 03	9.2770-09	5.6940 00	-9.0500-02	9.3130-01	9.9950-01	9.9480-01	3.8940-03

TEPE = 14000.0 LOG(S) = 3.00 X = 0.14300 Y = 0.85700									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	4.2750 00	1061.56	2.9780 08	2050.00	2.0220 03	3696.18	6.2720 07	4034.83	9.7480 07
546.43	2.5260 01	1086.41	3.4500 08	2127.72	1.8930 08	3697.15	6.1040 07	4078.38	9.2170 07
649.38	6.7600 02	1109.00	3.6010 08	2292.47	1.6490 08	3698.31	6.2850 07	4101.73	2.5440 07
800.11	1.5960 04	1112.26	3.7010 08	2484.88	1.4130 08	3700.50	6.4180 07	4141.06	8.9910 07
911.76	7.9410 04	1136.26	3.8230 08	2600.00	1.2930 08	3702.69	6.0700 07	4217.72	8.5650 07
911.76	7.9410 04	1161.33	3.8630 08	2600.00	1.2930 08	3703.85	5.7640 07	4297.27	8.0290 07
913.07	1.3560 05	1175.00	3.8310 08	2677.27	1.2260 08	3705.25	6.1520 07	4340.46	2.2330 07
915.54	2.3610 05	1181.83	3.7880 08	2837.09	1.0870 08	3707.91	6.4920 07	4422.28	7.3720 07
918.43	2.7760 05	1194.99	3.5120 08	3017.20	9.5470 07	3710.56	5.9760 07	4586.15	6.5720 07
919.35	2.9290 05	1208.45	1.3920 08	3121.75	8.8770 07	3711.97	5.4060 07	4762.63	5.8140 07
919.63	2.9530 05	1215.67	4.2380 06	3121.76	8.8870 07	3713.69	6.1400 07	4861.32	1.8000 07
920.16	2.9830 05	1215.42	4.2550 06	3169.76	8.6010 07	3716.95	6.6960 07	4892.89	5.2550 07
920.68	3.0480 05	1217.83	7.6220 06	3284.93	8.0720 07	3720.21	5.8460 07	4953.86	5.1190 07
920.96	3.0790 05	1219.25	1.8840 07	3365.99	7.5540 07	3721.94	4.8160 07	5016.38	4.9200 07
921.34	3.1120 05	1220.00	3.3580 07	3421.87	7.2860 07	3724.08	6.1010 07	5050.00	4.8150 07
922.68	3.1440 05	1223.41	1.5980 08	3421.97	7.3330 07	3728.14	7.1010 07	5123.58	4.5940 07
922.77	3.2180 05	1229.92	3.0540 08	3458.74	7.1590 07	3732.22	5.9470 07	5269.12	4.1920 07
923.15	3.2520 05	1236.50	3.5110 08	3530.87	6.8330 07	3734.37	4.3430 07	5423.16	3.8140 07
923.68	3.2900 05	1240.00	3.6220 08	3606.08	6.5140 07	3737.09	6.3140 07	5508.11	3.6240 07
924.69	3.4230 05	1249.96	3.7680 08	3647.05	6.3480 07	3742.24	7.7080 07	5665.32	3.3030 07
925.69	3.4570 05	1269.29	3.8300 08	3647.05	6.0780 07	3747.42	6.1340 07	5989.38	2.7460 07
926.22	3.5020 05	1289.23	3.8210 08	3649.67	6.0650 07	3750.15	3.8930 07	6352.76	2.2560 07
927.00	3.5590 05	1300.00	3.8050 08	3654.64	6.1100 07	3753.67	6.6320 07	6562.80	9.5040 06
928.48	3.9510 05	1316.23	3.7760 08	3659.62	6.2440 07	3760.36	8.5120 07	6797.77	1.7960 07
929.96	3.7550 05	1348.15	3.7040 08	3662.26	6.3480 07	3767.08	6.6810 07	7292.74	1.4160 07
930.75	3.8080 05	1381.65	3.6180 08	3665.27	6.4860 07	3770.63	3.6420 07	7865.45	1.0940 07
931.96	4.0310 05	1400.00	3.5670 08	3670.98	6.7410 07	3775.31	7.3590 07	8205.87	9.4760 06
934.26	5.1960 05	1419.35	3.5160 08	3676.71	6.8750 07	3784.22	9.3760 07	8205.87	9.6640 06
936.58	4.5640 05	1457.53	3.4090 08	3679.74	6.8680 07	3793.16	7.3430 07	8862.47	8.1500 06
937.80	4.3990 05	1497.83	3.2930 08	3680.27	6.8820 07	3797.90	3.4230 07	1048.64	4.4930 06
939.84	5.8380 05	1520.00	3.2330 08	3681.28	6.8650 07	3804.32	3.1780 07	12726.36	2.1810 06
943.74	9.8750 05	1545.12	3.1650 08	3682.28	6.8210 07	3816.55	1.0110 08	14380.00	1.3860 06
947.66	7.0080 05	1595.10	3.0280 08	3682.81	6.7920 07	3828.85	8.3530 07	15890.88	9.8530 05
949.74	5.1020 05	1648.41	2.8840 08	3693.50	6.8010 07	3835.38	3.2660 07	19843.04	4.2450 05
953.60	1.1870 06	1678.00	2.8080 08	3694.82	6.7820 07	3844.54	9.2240 07	26411.82	1.4340 05
961.00	5.0960 06	1723.39	2.6960 08	3696.13	6.6930 07	3879.67	9.1100 07	34121.04	5.3150 04
968.52	2.6270 06	1816.53	2.4770 08	3696.83	6.6330 07	3889.05	3.0420 07	39024.39	3.1500 04
972.54	7.1090 05	1920.32	2.2610 08	3687.64	6.6560 07	3902.80	9.7760 07	45573.51	1.7180 04
981.32	2.8020 07	1980.00	2.1480 08	3699.19	6.6370 07	3929.14	1.0370 08	50000.00	1.1950 04
998.42	1.1270 08	1991.74	2.1250 08	3690.73	6.4850 07	3955.84	9.6040 07	54724.75	8.3810 03
1016.12	7.5100 07	2014.39	2.0850 08	3691.55	6.3810 07	3970.07	2.8180 07	66666.67	3.8560 03
1025.72	1.0820 06	2037.56	2.0440 08	3692.52	6.4580 07	3992.20	9.7940 07	85275.25	1.4600 03
1037.82	1.4290 08	2050.00	2.0220 08	3694.35	6.4970 07				

TEFF = 14000.0 LOG(G) = 3.50 X = 0.14300 Y = 0.85700

I	TAJ	TE	PG	PE	RHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	8.7300 03	3.0970-04	1.1690-04	7.4970-16	3.6040-02	-7.3100-02	4.0580 02	1.0000 00	3.4270-01	2.7220-19
3	1.0003-07	8.7700 03	4.5850-03	1.3780-03	1.2410-14	5.1070-02	-7.3100-02	4.0870 02	1.0000 00	4.9290-02	4.6570-21
5	1.0003-06	8.7480 03	5.2360-02	1.5030-02	1.4480-13	5.7450-02	-7.3100-02	4.0770 02	9.9960 00	4.3450-03	3.1380-23
7	1.0003-05	9.3570 03	5.3890-01	1.5460-01	1.3930-12	5.9130-02	-7.3130-02	-4.8430 02	9.9880 01	4.1660-03	3.7770-22
9	1.0003-04	9.6720 03	4.8450 00	1.3810 00	1.2150-11	7.2210-02	-7.3230-02	-6.3200 00	9.9450 01	1.3730-03	3.1680-22
11	1.0003-03	9.9420 03	3.1040 01	8.7490 00	7.6080-11	1.4300-01	-7.3530-02	1.2300 00	9.9790 01	5.1830-04	5.1500-23
13	1.3590-03	9.9340 03	3.8420 01	1.6790 01	9.4380-11	1.6290-01	-8.5920-02	9.0710-01	9.7470 01	4.0900-04	3.1100-23
15	1.8480-03	9.9330 03	4.7200 01	1.3200 01	1.1620-10	1.8600-01	-8.5740-02	6.5900-01	9.6920 01	3.3310-04	2.0540-23
17	2.5120-03	9.9480 03	5.7650 01	1.6050 01	1.4190-10	2.1220-01	-7.3050-02	3.6740-01	9.6320 01	2.8790-04	1.6230-23
19	3.4150-03	9.9870 03	7.0080 01	1.9450 01	1.7200-10	2.4160-01	-3.5400-02	4.9810-02	9.5930 01	2.6830-04	1.6130-23
21	4.6420-03	1.0050 04	8.4920 01	2.3520 01	2.0720-10	2.7430-01	2.6310-02	-2.7700-01	9.5550 01	2.7160-04	2.0710-23
23	6.3100-03	1.0140 04	1.0270 02	2.8420 01	2.4850-10	3.1060-01	2.0370-01	-5.0060-01	9.5550 01	2.9700-04	3.3760-23
25	8.5770-03	1.0260 04	1.2400 02	3.4320 01	2.9660-10	3.5100-01	3.5910-01	-4.4240-01	9.5560 01	3.4550-04	6.6710-23
27	1.1660-02	1.0380 04	1.4960 02	4.1440 01	3.5340-10	3.9680-01	1.7620-01	-2.5390-01	9.5670 01	4.1360-04	1.4410-22
29	1.5850-02	1.0510 04	1.8030 02	5.0000 01	4.2060-10	4.4910-01	-5.3410-02	-1.9550-01	9.5750 01	4.9610-04	3.1280-22
31	2.1540-02	1.0650 04	2.1710 02	6.0290 01	4.9970-10	5.0860-01	-6.0060-02	-2.3900-01	9.5930 01	6.0180-04	7.0210-22
33	2.9290-02	1.0800 04	2.6130 02	7.2690 01	5.9250-10	5.7500-01	-5.4330-02	-1.1230-01	9.6150 01	7.5510-04	1.7500-21
35	3.9810-02	1.0970 04	3.1440 02	8.7630 01	7.0140-10	6.4950-01	-4.0840-02	-5.4510-02	9.6410-01	9.6630-04	4.6330-21
37	5.4120-02	1.1150 04	3.7810 02	1.0570 02	8.2940-10	7.3260-01	-2.9510-02	3.7360-03	9.6690 01	1.2670-03	1.3220-20
39	7.3560-02	1.1350 04	4.5500 02	1.2750 02	9.7880-10	8.2320-01	2.8700-04	1.7480-01	9.7030 01	1.7420-03	4.3810-20
41	1.0003-01	1.1570 04	5.4790 02	1.5410 02	1.1540-09	9.4230-09	4.9360-02	8.8090-02	9.7380 01	2.4580-03	1.5720-19
43	1.2590-01	1.1770 04	6.3040 02	1.7780 02	1.3050-09	1.0020 00	4.9320-02	9.4150-03	9.7670 01	3.3190-03	4.6840-19
45	1.5850-01	1.1980 04	7.2590 02	2.0550 02	1.4750-09	1.0870 00	7.0950-02	-1.8120-01	9.7950 01	4.5700-03	1.4830-18
47	1.9950-01	1.2210 04	8.3700 02	2.3790 02	1.6650-09	1.1740 00	2.8070-02	-2.5510-01	9.8240 01	6.5140-03	5.2400-18
49	2.5120-01	1.2470 04	9.6660 02	2.7620 02	1.8790-09	1.2660 00	-4.2400-03	-8.3470-03	9.8510 01	9.5760-03	2.0460-17
51	3.1620-01	1.2750 04	1.1180 03	3.2160 02	2.1200-09	1.3630 00	-5.4480-03	2.0090-02	9.8720 01	1.4310-02	8.4490-17
53	3.9810-01	1.3050 04	1.2950 03	3.7580 02	2.3900-09	1.4670 00	-3.0990-03	1.7980-01	9.8880 01	2.1720-02	3.6960-16
55	5.0120-01	1.3380 04	1.5020 03	4.4140 02	2.6890-09	1.5820 00	8.1170-02	1.2960-01	9.9040 01	3.3200-02	1.6710-15
57	6.3100-01	1.3730 04	1.7420 03	5.2170 02	3.0160-09	1.7130 00	4.2590-02	-3.1700-01	9.9300 01	7.7110-02	3.5830-14
59	7.9430-01	1.4110 04	2.0210 03	6.2130 02	3.3680-09	1.8630 00	-1.5630-01	-6.2060-01	9.9410 01	1.1690-01	1.7250-13
61	1.0003 00	1.4520 04	2.3440 03	7.4730 02	3.7320-09	2.0380 00	-1.2680-01	-1.2730-01	9.9510 01	1.6970-01	7.5650-13
63	1.2590 00	1.4940 04	2.7130 03	9.0450 02	4.1080-09	2.2470 00	-1.2680-01	-1.2730-01	9.9510 01	2.3830-01	3.1670-12
65	1.5850 00	1.5380 04	3.1340 03	1.1010 03	4.4850-09	2.4890 00	1.0800-01	6.4380-01	9.9580 01	3.2270-01	1.2660-11
67	1.9950 00	1.5850 04	3.6100 03	1.3430 03	4.8540-09	2.7610 00	1.0220-01	-8.7840-01	9.9640 01	4.2000-01	4.8200-11
69	2.5120 00	1.6340 04	4.1510 03	1.6370 03	5.2220-09	3.0580 00	3.6710-01	-1.9160-01	9.9700 01	5.2570-01	1.7900-10
71	3.1620 00	1.6860 04	4.7690 03	1.9870 03	5.5970-09	3.3650 00	9.2000-02	-1.7160 00	9.9740 01	6.2910-01	6.5310-10
73	3.9810 00	1.7430 04	5.4790 03	2.3950 03	6.0040-09	3.6620 00	-4.9430-01	-1.2950 00	9.9740 01	7.2030-01	2.1990-09
75	5.0120 00	1.8010 04	6.3040 03	2.8620 03	6.4840-09	3.9560 00	-1.7280 01	3.6060-01	9.9750 01	7.9150-01	6.5600-09
77	6.3100 00	1.8590 04	7.2660 03	3.3890 03	7.0760-09	4.2560 00	3.0600-01	-2.9750-02	9.9760 01	8.4880-01	1.8960-08
79	7.9430 00	1.9200 04	8.3960 03	3.9960 03	7.7750-09	4.5540 00	5.8300-02	-5.0180-01	9.9770 01	8.9330-01	5.4240-08
81	1.0003 01	1.9650 04	9.7290 03	4.7020 03	8.5930-09	4.8470 00	-1.2480-01	2.2290-01	9.9790 01	9.2890-01	1.6660-07
83	1.2590 01	2.0000 04	1.1310 04	5.5320 03	9.5260-09	5.1090 00	-1.4530-01	1.4070-01	9.9810 01	9.5210-01	4.7580-07
85	1.5850 01	2.1360 04	1.3210 04	6.5050 03	1.0650-08	5.3990 00	-1.1060-01	3.6020-01	9.9820 01	9.6710-01	1.2560-06
87	1.9950 01	2.2130 04	1.5460 04	7.6520 03	1.1970-08	5.7270 00	4.2200-01	5.0060-03	9.9840 01	9.7700-01	3.1310-06
89	2.5120 01	2.2920 04	1.8130 04	8.9990 03	1.3130-08	6.0880 00	2.0950-01	-1.5140 00	9.9850 01	9.8460-01	8.4260-06
91	3.1620 01	2.3820 04	2.1300 04	1.0600 04	1.5240-08	6.4150 00	-3.1540-01	-2.1600-01	9.9870 01	9.9010-01	2.4430-05
93	3.9810 01	2.4930 04	2.5100 04	1.2510 04	1.7180-08	6.7010 00	6.7530-01	-2.4840-02	9.9890 01	9.9250-01	6.4580-05
95	5.0120 01	2.5930 04	2.9670 04	1.4800 04	1.9460-08	7.0500 00	1.3950-01	-1.8900-01	9.9900 01	9.9400-01	1.6620-04
97	6.3100 01	2.7050 04	3.5130 04	1.7530 04	2.2080-08	7.4210 00	3.2790-02	-2.0800-01	9.9890 01	9.9510-01	4.3010-04
99	7.9430 01	2.8270 04	4.1670 04	2.0810 04	2.5040-08	7.7910 00	3.2470-02	-1.0470-01	9.9900 01		



TEFF = 14000.0 LOG(G) = 3.50 X = 0.14300 Y = 0.85700

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	4.4300 00	1061.56	2.2540 08	2050.00	2.0370 08	3696.18	6.3650 07	4034.83	9.4580 07
546.43	2.6310 01	1085.41	3.1520 08	2127.72	1.8970 08	3697.15	6.3360 07	4078.38	8.7560 07
649.38	7.2450 02	1100.00	3.4680 08	2292.47	1.6380 08	3698.31	6.3340 07	4101.73	3.7790 07
800.11	1.7690 04	1112.26	3.6880 08	2484.88	1.3950 08	3700.50	6.3460 07	4141.06	8.7250 07
911.76	8.9810 04	1136.26	3.9700 08	2600.00	1.2740 08	3702.69	6.1350 07	4217.72	8.4050 07
911.76	8.9820 04	1161.33	4.0610 08	2600.00	1.2740 08	3703.85	6.1160 07	4297.27	7.8390 07
913.07	1.6990 05	1175.00	3.9670 08	2677.27	1.2000 08	3705.25	6.1500 07	4340.46	3.4390 07
915.54	2.0430 05	1181.83	3.8320 08	2837.09	1.0650 08	3707.91	6.2850 07	4422.28	7.2510 07
918.03	2.3140 05	1194.99	3.0880 08	3017.20	9.3730 07	3710.55	5.9850 07	4586.15	6.4820 07
919.35	2.4160 05	1208.45	4.8590 07	3121.75	8.7230 07	3711.97	5.9170 07	4762.63	5.7330 07
919.63	2.4390 05	1215.57	3.4310 06	3121.76	8.7230 07	3713.69	6.0670 07	4861.32	2.6410 07
920.16	2.4440 05	1216.42	3.4460 06	3169.76	8.4460 07	3716.95	6.3390 07	4892.89	5.1190 07
920.68	2.5050 05	1217.33	5.5680 06	3264.93	7.9330 07	3720.21	5.8010 07	4953.86	5.0530 07
920.96	2.5250 05	1219.25	1.0000 07	3365.99	7.4310 07	3721.94	5.5630 07	5016.38	4.8630 07
921.34	2.5470 05	1220.00	1.3930 07	3421.87	7.1710 07	3724.08	5.9690 07	5050.00	4.7620 07
922.06	2.5720 05	1223.41	6.1250 07	3421.87	7.1710 07	3728.14	5.5580 07	5123.58	4.5450 07
922.77	2.6280 05	1229.92	2.1870 08	3458.74	7.0060 07	3732.22	5.7580 07	5269.12	4.1510 07
923.15	2.6490 05	1236.50	3.1800 08	3530.87	6.6950 07	3734.37	5.2240 07	5423.16	3.7780 07
923.68	2.6750 05	1240.00	3.4850 08	3606.08	6.3910 07	3737.09	6.0250 07	5509.11	3.5910 07
924.69	2.7650 05	1249.96	3.9350 08	3647.05	6.2320 07	3742.24	6.9630 07	5665.32	3.2750 07
925.69	2.7930 05	1269.29	4.1970 08	3647.05	5.9800 07	3747.42	5.7710 07	5989.38	2.7260 07
926.22	2.8240 05	1289.23	4.2490 08	3649.67	5.9660 07	3750.15	4.7750 07	6352.76	2.2400 07
927.00	2.8620 05	1300.00	4.2460 08	3654.54	5.9860 07	3753.67	6.1570 07	6562.80	1.2570 07
928.48	3.1200 05	1316.23	4.2220 08	3659.62	6.0650 07	3760.36	7.5970 07	6797.77	1.7850 07
929.96	3.0010 05	1348.15	4.1420 08	3662.26	6.1280 07	3767.08	6.1090 07	7292.74	1.4090 07
930.75	3.0390 05	1381.65	4.0330 08	3665.27	6.2180 07	3770.63	4.5300 07	7865.45	1.0890 07
931.96	3.1870 05	1400.00	3.9670 08	3670.78	6.4130 07	3775.31	6.6420 07	8205.87	9.4150 06
934.26	3.9810 05	1419.35	3.8950 08	3676.71	6.5810 07	3784.22	8.3500 07	8205.87	9.6160 06
936.58	3.5550 05	1457.53	3.7530 08	3679.74	6.6360 07	3793.16	6.5620 07	8862.47	8.1110 06
937.80	3.4580 05	1497.63	3.5990 08	3680.27	6.6410 07	3797.90	4.2980 07	10448.64	4.4780 06
943.74	6.4270 05	1520.00	3.5160 08	3681.28	6.6500 07	3804.32	9.1250 07	12726.36	2.1750 06
947.66	5.2000 05	1595.10	3.2440 08	3682.81	6.6620 07	3816.55	7.4090 07	15890.88	9.8360 05
949.74	3.9950 05	1648.41	3.0620 08	3683.50	6.6620 07	3835.38	4.2140 07	19843.04	4.2370 05
953.60	8.2710 05	1678.00	2.9660 08	3684.82	6.6590 07	3844.54	8.2230 07	26411.82	1.4310 05
961.00	1.8400 06	1723.39	2.8240 08	3686.13	6.6430 07	3862.03	9.6990 07	32000.00	6.8030 04
968.52	1.4290 06	1816.53	2.5590 08	3686.83	6.6420 07	3879.67	8.1430 07	34121.04	5.3000 04
972.54	5.4330 05	1920.32	2.3080 08	3687.64	6.6280 07	3889.05	4.0820 07	39024.39	3.1400 04
981.32	5.7660 06	1980.00	2.1770 08	3689.19	6.6070 07	3902.80	8.9100 07	45573.51	1.7110 04
998.42	3.5470 07	1991.74	2.1520 08	3690.73	6.5460 07	3929.14	9.8700 07	50000.00	1.1890 04
1016.12	1.6330 07	2014.39	2.1060 08	3691.55	6.5390 07	3955.84	8.8390 07	54724.75	8.3390 03
1025.72	8.5550 05	2037.56	2.0610 08	3692.52	6.5110 07	3970.70	4.0100 07	66666.67	3.8310 03
1037.82	4.3510 07	2050.00	2.0370 08	3694.35	6.4940 07	3992.20	9.2590 07	85275.25	1.4490 03

TEFF = 14000.0 LOG(G) = 4.00 X = 0.14300 Y = 0.85700									
I	TAJ	TE	PG	PF	RHO	KAPZ	DF(%)	D TE	XH2
1	1.0000-08	9.1870 03	8.8560-04	3.5320-04	1.9290-15	9.8740-02	-3.1360-01	-4.9870 02	1.0000 00
3	1.0000-07	9.0550 03	1.4200-02	4.2630-03	3.7220-14	5.1020-02	-3.1360-01	-4.9160 02	9.9990-01
5	1.0000-06	9.0300 03	1.6910-01	4.8510-02	4.5300-13	5.7870-02	-5.0260-01	-4.9020 02	9.9920-01
7	1.0000-05	9.2170 03	1.6570 00	4.7240-01	4.3600-12	6.3100-02	-4.4610-01	-6.8370 01	9.9520-01
9	1.0000-04	9.7750 03	1.2900 01	3.5590 00	3.2080-11	9.5600-02	-7.5900-01	4.1740 00	9.8820-01
11	1.0000-03	9.9690 03	6.6310 01	1.8310 01	1.6500-10	2.3740-01	-6.3150-01	9.3100 00	9.5260-01
13	1.3590-03	9.8700 03	8.0360 01	2.2040 01	2.0050-10	2.7210-01	-5.7550-01	9.6000 00	9.4370-01
15	1.8480-03	9.8930 03	9.7010 01	2.6440 01	2.4210-10	3.5420-01	-5.5900-01	9.6720 00	9.3580-01
17	2.5120-03	9.9430 03	1.1680 02	3.1710 01	2.9050-10	3.5420-01	-5.3620-01	9.6550 00	9.3030-01
19	3.4150-03	1.0020 04	1.4050 02	3.8050 01	3.4700-10	4.0290-01	-4.4190-01	9.7340 00	9.2750-01
21	4.6420-03	1.0120 04	1.6880 02	4.5700 01	4.1270-10	4.5750-01	-2.5770-01	9.7710 00	9.2730-01
23	6.3100-03	1.0240 04	2.0270 02	5.8930 01	4.8970-10	5.1910-01	-6.4250-02	9.7830 00	9.2860-01
25	8.5770-03	1.0360 04	2.4320 02	6.6040 01	5.8000-10	5.8910-01	9.6570-02	9.7490 00	9.3090-01
27	1.1660-02	1.0500 04	2.9170 02	7.9390 01	6.8620-10	6.6880-01	8.0260-02	9.6520 00	9.3360-01
29	1.5850-02	1.0640 04	3.4970 02	9.5370 01	8.1140-10	7.5990-01	-1.3090-01	9.5530 00	9.3620-01
31	2.1540-02	1.0780 04	4.1910 02	1.1460 02	9.5830-10	8.6300-01	-2.3740-01	9.4980 00	9.3920-01
33	2.9290-02	1.0930 04	5.0200 02	1.3760 02	1.1310-09	9.8010-01	-1.9620-01	9.4310 00	9.4210-01
35	3.9810-02	1.1090 04	6.0130 02	1.5520 02	1.3340-09	1.1120 00	-1.2520-01	9.3180 00	9.4540-01
37	5.4120-02	1.1270 04	7.2020 02	1.9850 02	1.5700-09	1.2590 00	-6.6850-02	9.1240 00	9.4950-01
39	7.3500-02	1.1470 04	8.6280 02	2.3870 02	1.8470-09	1.4240 00	-1.0460-01	8.9030 00	9.5390-01
41	1.0000-01	1.1680 04	1.0340 03	2.8740 02	2.1700-09	1.6060 00	-1.4710-01	8.7500 00	9.5860-01
43	1.2590-01	1.1870 04	1.1860 03	3.3070 02	2.4460-09	1.7520 00	-2.0810-01	8.7130 00	9.6270-01
45	1.5950-01	1.2070 04	1.3610 03	3.8110 02	2.7540-09	1.9050 00	-9.2670-02	8.6250 00	9.6710-01
47	1.9950-01	1.2300 04	1.5640 03	4.3990 02	3.1000-09	2.0670 00	-2.4830-02	8.3860 00	9.7150-01
49	2.5120-01	1.2550 04	1.7990 03	5.0880 02	3.4880-09	2.2390 00	1.7250-01	7.8890 00	9.7570-01
51	3.1620-01	1.2830 04	2.0730 03	5.8940 02	3.9240-09	2.4210 00	3.1700-01	6.9510 00	9.7880-01
53	3.9810-01	1.3130 04	2.3910 03	6.8490 02	4.4090-09	2.6180 00	3.5230-01	5.7720 00	9.8180-01
55	5.0120-01	1.3470 04	2.7620 03	7.9910 02	4.9440-09	2.8390 00	4.1560-01	4.3420 00	9.8460-01
57	6.3100-01	1.3840 04	3.1900 03	9.3680 02	5.5260-09	3.1000 00	1.1790-01	3.2270 00	9.8730-01
59	7.9430-01	1.4230 04	3.6820 03	1.1040 03	6.1450-09	3.4230 00	-2.5020-01	3.1560 00	9.8950-01
61	1.0000-00	1.4660 04	4.2370 03	1.3110 03	6.7750-09	3.8410 00	-3.2030-01	3.8120 00	9.9130-01
63	1.2590 00	1.5070 04	4.8540 03	1.5580 03	7.4200-09	4.3820 00	-1.3530-01	4.7520 00	9.9270-01
65	1.5850 00	1.5530 04	5.5270 03	1.8640 03	8.0020-09	5.0960 00	3.7980-01	4.1630 00	9.9390-01
67	1.9950 00	1.6040 04	6.2480 03	2.2380 03	8.4850-09	5.0250 00	4.2470-01	1.7320 00	9.9500-01
69	2.5120 00	1.6590 04	7.0080 03	2.6890 03	8.8340-09	7.1940 00	-1.4400-01	4.9840-01	9.9600-01
71	3.1620 00	1.7170 04	7.8110 03	3.2000 03	9.1110-09	8.4750 00	-5.1160-01	1.3260 00	9.9640-01
73	3.9810 00	1.7750 04	8.6780 03	3.7480 03	9.4250-09	9.7310 00	-6.3210-01	4.4600 00	9.9660-01
75	5.0120 00	1.8340 04	9.6400 03	4.3420 03	9.8030-09	1.0900 01	5.4670-02	6.8030 00	9.9680-01
77	6.3100 00	1.9000 04	1.0730 04	5.0050 03	1.0230-08	1.1910 01	8.2920-01	2.0050 00	9.9710-01
79	7.9430 00	1.9690 04	1.2010 04	5.7340 03	1.0810-08	1.2710 01	1.0090-01	-1.1920 00	9.9740-01
81	1.0000 01	2.0410 04	1.3520 04	6.5610 03	1.1580-08	1.3370 01	-5.3810-01	1.4430 00	9.9770-01
83	1.2590 01	2.1240 04	1.5360 04	7.5370 03	1.2490-08	1.3820 01	-7.5120-01	1.9830 00	9.9800-01
85	1.5850 01	2.2030 04	1.7590 04	8.6970 03	1.3710-08	1.4380 01	-1.9960-01	6.2980 00	9.9820-01
87	1.9950 01	2.2850 04	2.0280 04	1.0060 04	1.5190-08	1.4990 01	1.0560 00	4.7300 00	9.9840-01
89	2.5120 01	2.3770 04	2.3550 04	1.1710 04	1.6900-08	1.5540 01	5.9230-01	-4.8400 00	9.9860-01
91	3.1620 01	2.4730 04	2.7520 04	1.3710 04	1.8950-08	1.6190 01	3.9520-01	-2.8350 00	9.9870-01
93	3.9810 01	2.5630 04	3.2310 04	1.6110 04	2.1280-08	1.6720 01	5.2940-01	6.2780-01	9.9880-01
95	5.0120 01	2.6960 04	3.8150 04	1.9040 04	2.4060-08	1.7390 01	-6.9240-02	3.5830 00	9.9890-01
97	6.3100 01	2.8140 04	4.5200 04	2.2560 04	2.7290-08	1.8170 01	4.2010-02	3.0250 00	9.9900-01
99	7.9430 01	2.9430 04	5.3700 04	2.6820 04	3.0990-08	1.9000 01	9.4600-01	-7.4410-01	9.9950-01

TEFF = 14000.0				LOG(G) =		X =		Y =		0.14300		0.85700	
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	4.5100 C	1061.56	2.0710 08	2050.00	2.0870 08	3696.18	6.6900 07	4034.83	9.7120 07				
546.43	2.6570 01	1086.41	2.9210 08	2127.72	1.9490 08	3697.15	6.6490 07	4078.38	8.7890 07				
649.38	7.1370 C2	1100.00	3.2200 08	2292.47	1.6880 08	3698.31	6.6690 07	4101.73	2.6730 07				
800.11	1.6650 04	1112.26	3.4280 08	2484.88	1.4380 08	3700.50	6.6560 07	4141.06	8.9220 07				
911.76	8.1570 C4	1135.26	3.6930 08	2600.00	1.3140 08	3702.69	6.5340 07	4217.72	8.6710 07				
911.76	8.0860 04	1161.33	3.7650 08	2600.00	1.3140 08	3703.85	6.4520 07	4297.27	8.0270 07				
913.07	1.6310 05	1175.00	3.6510 08	2677.27	1.2410 08	3705.25	6.5130 07	4340.46	2.3260 07				
915.54	1.9210 05	1181.83	3.5290 08	2837.09	1.1000 08	3707.91	6.5410 07	4422.28	7.4600 07				
918.03	2.1270 05	1194.99	2.7290 08	3017.20	9.6670 07	3710.56	6.3480 07	4586.15	6.6650 07				
919.35	2.2060 05	1209.45	2.9950 07	3121.75	8.9880 07	3711.97	6.1980 07	4762.63	5.8770 07				
919.63	2.2210 05	1215.67	3.0880 06	3121.76	8.9920 07	3713.69	6.3600 07	4861.32	1.8130 07				
920.16	2.2400 05	1215.42	3.1020 06	3169.76	8.7040 07	3716.95	6.4650 07	4892.89	5.1610 07				
920.63	2.2750 05	1217.83	4.9060 06	3264.93	8.1700 07	3720.21	6.1290 07	4953.86	5.1720 07				
920.96	2.2910 05	1219.25	8.1210 06	3365.99	7.6490 07	3721.94	5.8090 07	5016.38	4.9810 07				
921.34	2.3080 05	1220.00	1.0400 07	3421.87	7.3780 07	3724.08	6.2170 07	5050.00	4.8760 07				
922.06	2.3290 05	1223.41	3.8550 07	3421.87	7.3930 07	3728.14	6.5180 07	5123.58	4.6530 07				
922.77	2.3680 05	1229.92	1.8050 08	3458.74	7.2200 07	3732.22	5.9690 07	5269.12	4.2460 07				
923.15	2.3870 05	1236.50	2.8200 08	3530.87	6.8960 07	3734.37	5.3290 07	5423.16	3.8610 07				
923.68	2.4090 05	1240.00	3.1550 08	3606.08	6.5790 07	3737.09	6.1560 07	5508.11	3.6670 07				
924.69	2.4760 05	1249.96	3.6500 08	3647.05	6.4140 07	3742.24	6.7290 07	5665.32	3.3410 07				
925.69	2.5030 05	1269.29	3.9540 08	3647.05	6.1580 07	3747.42	5.8240 07	5989.38	2.7780 07				
926.22	2.5280 05	1289.23	4.0290 08	3649.67	6.1430 07	3750.15	4.6230 07	6352.76	2.2790 07				
927.00	2.5600 05	1300.00	4.0360 08	3654.64	6.1470 07	3753.67	6.1300 07	6562.80	9.5170 06				
928.48	2.7770 05	1316.23	4.0290 08	3659.62	6.1930 07	3760.36	7.2080 07	6797.77	1.8150 07				
929.96	2.6800 05	1348.15	3.9730 08	3662.26	6.2330 07	3767.08	5.9710 07	7292.74	1.4310 07				
930.75	2.7130 05	1381.65	3.8860 08	3665.27	6.2890 07	3770.63	4.0840 07	7865.45	1.1050 07				
931.96	2.8300 05	1400.00	3.8320 08	3670.98	6.4260 07	3775.31	6.4140 07	8205.87	9.5580 06				
934.26	3.5440 05	1419.35	3.7810 08	3676.71	6.5690 07	3784.22	7.9180 07	8205.87	9.7640 06				
936.59	3.1420 05	1457.53	3.6610 08	3679.74	6.6350 07	3793.16	6.2420 07	8862.47	8.2340 06				
937.80	3.0640 05	1497.83	3.5290 08	3680.27	6.6480 07	3797.90	3.5950 07	10448.64	4.5370 06				
939.84	3.9050 05	1520.00	3.4570 08	3681.28	6.6670 07	3804.32	6.8560 07	12726.36	2.2010 06				
943.74	5.7630 05	1545.12	3.3830 08	3682.28	6.6820 07	3816.55	8.7900 07	14380.00	1.3990 06				
947.66	4.5740 05	1595.10	3.2230 08	3682.81	6.6880 07	3828.85	6.9400 07	15890.88	9.9420 05				
949.74	3.5350 05	1648.41	3.0560 08	3683.50	6.7030 07	3835.38	3.3330 07	19843.04	4.2800 05				
953.60	7.2780 05	1678.00	2.9670 08	3684.82	6.7230 07	3844.54	7.7710 07	26411.82	1.4450 05				
961.00	1.4820 06	1723.39	2.8440 08	3686.13	6.7310 07	3862.03	9.5960 07	32000.00	6.8620 04				
968.52	1.1970 06	1816.53	2.5920 08	3686.83	6.7320 07	3879.67	7.7060 07	34121.04	5.3450 04				
972.54	4.0150 05	1920.32	2.3500 08	3687.64	6.7450 07	3889.05	3.1160 07	39024.39	3.1640 04				
981.32	3.8730 06	1980.00	2.2200 08	3689.19	6.7560 07	3902.80	8.6270 07	45573.51	1.7220 04				
998.42	2.9530 07	1991.74	2.2000 08	3690.73	6.7420 07	3929.14	9.9920 07	50000.00	1.1960 04				
1016.12	9.8860 06	2014.39	2.1550 08	3691.55	6.7290 07	3955.84	8.6260 07	54724.75	8.3790 03				
1025.72	7.5920 05	2037.56	2.1100 08	3692.52	6.7430 07	3970.07	2.9460 07	66666.67	3.8430 03				
1037.82	3.0230 07	2050.00	2.0870 08	3694.35	6.7440 07	3992.20	9.2860 07	85275.25	1.4500 03				

TEFF = 14000.0 LOG(G) = 4.50 X = 0.14300 Y = 0.85700

I	TAU	TE	PG	PE	RHO	KAPZ	D= (%)	D TE	XH2	XHE2	XHE3
1	1.0003-07	9.0690 03	3.7990-03	1.2530-03	9.5230-15	6.9350-02	-3.0780-01	-4.9230 02	1.0003 00	1.5360-01	1.8700-19
3	1.0003-08	8.9440 03	5.1610-02	1.4900-02	1.3930-13	5.7870-02	-3.0780-01	-4.8550 02	9.9970-01	9.4030-03	3.5080-22
5	1.0003-06	9.0460 03	5.3990-01	1.5430-01	1.4460-12	5.9110-02	-2.4720-01	-4.9110 02	9.9770-01	1.3520-03	1.1160-23
7	1.0003-05	9.3150 03	4.8030 00	1.3630 00	1.2530-11	7.3990-02	-5.9480-01	-2.4940 01	9.8890-01	4.0890-04	3.0700-24
9	1.0003-04	9.7460 03	3.0400 00	8.5150 00	7.6190-11	1.4640-01	-7.5210-01	4.7160 00	9.7160-01	2.8410-04	7.6650-24
11	1.0003-03	9.7190 03	1.3280 02	3.4840 01	3.4200-10	3.9700-01	-7.6300-01	9.8530 00	8.8830-01	6.3580-05	3.4750-25
13	1.3593-03	9.7560 03	1.5950 02	4.1470 01	4.1050-10	4.5170-01	-6.9290-01	9.7170 00	8.7780-01	6.0390-05	3.5980-25
15	1.8483-03	9.8240 03	1.9140 02	4.9540 01	4.8990-10	5.1420-01	-5.3250-01	9.8540 00	8.7240-01	6.2910-05	4.9830-25
17	2.5123-03	9.9180 03	2.2940 02	5.9340 01	5.8170-10	5.8590-01	-2.4710-01	9.9270 00	8.7190-01	7.0740-05	8.7870-25
19	3.4153-03	1.0040 04	2.7470 02	7.1320 01	6.8750-10	6.6800-01	8.7300-02	9.7860 00	8.7590-01	8.5590-05	1.9530-24
21	4.6423-03	1.0170 04	3.2870 02	8.5710 01	8.1100-10	7.6150-01	3.5290-01	9.7170 00	8.8100-01	1.0570-04	4.6250-24
23	6.3103-03	1.0290 04	3.9310 02	1.0280 02	9.5680-10	9.6840-01	5.0150-01	9.6450 00	8.8490-01	1.2820-04	1.0350-23
25	8.5773-03	1.0430 04	4.6990 02	1.2340 02	1.1270-09	9.9030-01	5.3640-01	9.4300 00	8.8940-01	1.5710-04	2.3830-23
27	1.1663-02	1.0560 04	5.6130 02	1.4790 02	1.3280-09	1.1290 00	4.5480-01	9.1290 00	8.9360-01	1.9220-04	5.4570-23
29	1.5853-02	1.0700 04	6.7020 02	1.7730 02	1.5630-09	1.2880 00	3.1200-02	8.9010 00	8.9820-01	2.3710-04	1.2830-22
31	2.1543-02	1.0850 04	8.0010 02	2.1240 02	1.8380-09	1.4680 00	-1.2970-01	8.7840 00	9.0250-01	2.9150-04	2.9790-22
33	2.9293-02	1.0990 04	9.5470 02	2.5420 02	2.1630-09	1.6750 00	-6.3870-02	8.6490 00	9.0590-01	3.5230-04	6.5420-22
35	3.9813-02	1.1150 04	1.1390 03	3.0440 02	2.5410-09	1.9080 00	1.4030-03	8.4370 00	9.1060-01	4.3850-04	1.5770-21
37	5.4123-02	1.1320 04	1.3590 03	3.6490 02	2.9810-09	2.1710 00	4.8950-02	8.1430 00	9.1620-01	5.5940-04	4.1050-21
39	7.3563-02	1.1510 04	1.6220 03	4.3810 02	3.4900-09	2.4640 00	1.3750-02	7.8080 00	9.2320-01	7.4390-04	1.2160-20
41	1.0003-01	1.1730 04	1.9370 03	5.2670 02	4.9800-09	3.7890 00	-5.2190-02	7.5110 00	9.3130-01	1.0300-03	4.0830-20
43	1.2593-01	1.1920 04	2.2150 03	6.0560 02	4.5830-09	3.0520 00	-4.9380-02	7.3320 00	9.3800-01	1.3610-03	1.1310-19
45	1.5853-01	1.2120 04	2.5350 03	6.9720 02	5.1430-09	3.3290 00	2.4040-02	7.0800 00	9.4510-01	1.8570-03	3.4640-19
47	1.9953-01	1.2350 04	2.9040 03	8.0390 02	6.4720-09	3.9310 00	3.2850-01	6.8900 00	9.5910-01	3.7630-03	4.2290-18
49	2.5123-01	1.2600 04	3.3320 03	9.8330 02	7.2640-09	4.2510 00	4.2840-01	4.8190 00	9.6430-01	5.5320-03	1.6360-17
51	3.1623-01	1.2870 04	3.8290 03	1.0730 03	7.2640-09	4.2510 00	4.2840-01	4.8190 00	9.6430-01	5.5320-03	1.6360-17
53	3.9813-01	1.3170 04	4.4080 03	1.2440 03	8.1510-09	4.5960 00	4.1570-01	3.5760 00	9.6930-01	8.3200-03	6.8100-17
55	5.0123-01	1.3500 04	5.0820 03	1.4460 03	9.1400-09	4.9700 00	3.4040-01	3.3190 00	9.7400-01	1.2780-02	3.0500-16
57	6.3103-01	1.3860 04	5.8650 03	1.6870 03	1.0230-08	5.3850 00	1.1050-02	1.5980 00	9.7840-01	2.0140-02	1.4880-15
59	7.9433-01	1.4250 04	6.7730 03	1.9780 03	1.1410-08	5.8700 00	-3.5960-01	1.9210 00	9.8220-01	3.2100-02	7.6210-15
61	1.0003 00	1.4680 04	7.8170 03	2.3330 03	1.2670-08	6.4700 00	-4.7200-01	3.1740 00	9.8550-01	5.1490-02	4.0630-14
63	1.2593 00	1.5100 04	8.9990 03	2.7590 03	1.4020-08	7.2410 00	-4.0060-01	4.8890 00	9.8790-01	7.7920-02	1.8420-13
65	1.5853 00	1.5550 04	1.0320 04	3.2810 03	1.5350-08	8.2300 00	1.3920-01	5.3890 00	9.9000-01	1.1690-01	8.4140-13
67	1.9953 00	1.6040 04	1.1760 04	3.9240 03	1.6580-08	9.5280 00	4.5170-01	3.5090 00	9.9180-01	1.7260-01	3.8510-12
69	2.5123 00	1.6570 04	1.3320 04	4.7130 03	1.7620-08	1.1220 00	1.5160-01	1.3200 00	9.9330-01	2.5020-01	1.7860-11
71	3.1623 00	1.7140 04	1.4960 04	5.6430 03	1.8460-08	1.3260 00	-1.8130-02	8.5170-02	9.9410-01	3.4590-01	7.8410-11
73	3.9813 00	1.7710 04	1.6730 04	6.7010 03	1.9220-08	1.5550 01	-3.5860-01	9.1950-01	9.9440-01	4.5010-01	3.0660-10
75	5.0123 00	1.8300 04	1.8650 04	7.8890 03	1.9940-08	1.7970 01	-2.4820-01	3.3240 00	9.9480-01	5.5890-01	1.1240-09
77	6.3103 00	1.8960 04	2.0740 04	9.2150 03	2.0630-08	2.0350 01	4.4550-01	1.9110 00	9.9530-01	6.6860-01	4.1390-09
79	7.9433 00	1.9640 04	2.3100 04	1.0650 04	2.1510-08	2.2420 01	5.6700-02	7.2500-01	9.9580-01	7.6170-01	1.4150-08
81	1.0003 01	2.0370 04	2.5840 04	1.2240 04	2.2650-08	2.4080 01	3.3800-01	2.5420 00	9.9630-01	8.3570-01	4.6610-08
83	1.2593 01	2.1210 04	2.9080 04	1.4060 04	2.4030-08	2.5240 01	-9.0060-01	2.9530 00	9.9680-01	8.9480-01	1.6520-07
85	1.5853 01	2.2030 04	3.3000 04	1.6140 04	2.5960-08	2.6290 01	1.0760-01	3.8150 00	9.9720-01	9.3050-01	4.9880-07
87	1.9953 01	2.2890 04	3.7730 04	1.8590 04	2.8370-08	2.7310 01	7.4070-01	1.9480 00	9.9760-01	9.5390-01	1.4260-06
89	2.5123 01	2.3810 04	4.3490 04	2.1540 04	3.1290-08	2.8300 01	-1.0970-01	-2.2300 00	9.9790-01	9.6950-01	3.9980-06
91	3.1623 01	2.4760 04	5.0480 04	2.5070 04	3.4820-08	2.9430 01	-2.5420-01	1.3120 00	9.9820-01	9.7940-01	1.0580-05
93	3.9813 01	2.5850 04	5.8960 04	2.9340 04	3.8870-08	3.0320 01	7.5100-01	6.9140-01	9.9840-01	9.6550-01	2.9970-05
95	5.0123 01	2.6990 04	6.9300 04	3.4350 04	4.3720-08	3.1460 01	1.0740-01	2.9630 00	9.9840-01	9.8910-01	7.9330-05
97	6.3103 01	2.8180 04	8.1830 04	4.0800 04	4.9400-08	3.2780 01	2.7650-01	2.5440 00	9.9850-01	9.9160-01	2.0130-04
99	7.9433 01	2.9450 04	9.6940 04	4.8370 04	5.5950-08	3.4250 01	2.0720-01	-4.3420-02	9.9850-01	9.9340-01	4.9970-04

TEFF = 14000.0 LOG(G) = 4.50 X = 0.14300 Y = 0.85700

	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	3.839D 00	1061.56	1.484D 08	2050.30	2.135D 08	3696.18	6.714D 07	4034.83	9.604D 07	
546.43	2.347D 01	1086.41	2.485D 08	2127.72	1.992D 08	3697.15	6.704D 07	4078.38	8.435D 07	
649.38	6.610D 02	1100.00	2.849D 08	2292.47	1.721D 09	3698.31	6.719D 07	4101.73	2.686D 07	
800.11	1.612D 04	1112.26	3.105D 08	2484.88	1.464D 08	3700.50	6.722D 07	4141.06	8.791D 07	
911.76	8.031D 04	1136.26	3.443D 08	2600.00	1.336D 08	3702.69	6.675D 07	4217.72	8.702D 07	
911.76	7.948D 04	1161.33	3.519D 08	2600.00	1.336D 08	3703.85	6.643D 07	4297.27	7.966D 07	
913.07	1.419D 05	1175.00	3.337D 08	2677.27	1.260D 08	3705.25	6.672D 07	4340.46	2.360D 07	
915.54	1.652D 05	1181.83	3.115D 08	2837.09	1.116D 08	3707.91	6.677D 07	4422.28	7.494D 07	
918.03	1.819D 05	1194.99	2.046D 08	3017.20	9.802D 07	3710.55	6.574D 07	4586.15	6.718D 07	
919.35	1.374D 05	1208.45	1.617D 07	3121.75	9.110D 07	3711.97	6.500D 07	4762.63	5.905D 07	
919.63	1.884D 05	1215.67	2.549D 06	3121.76	9.112D 07	3713.69	6.558D 07	4861.32	1.830D 07	
920.16	1.898D 05	1216.42	2.557D 06	3169.76	8.819D 07	3716.95	6.588D 07	4892.89	5.062D 07	
920.69	1.916D 05	1217.83	3.975D 06	3264.93	8.275D 07	3720.21	6.392D 07	4953.86	5.196D 07	
920.95	1.927D 05	1219.25	6.362D 06	3365.99	7.744D 07	3721.94	6.228D 07	5016.38	5.017D 07	
921.34	1.937D 05	1220.00	7.857D 06	3421.87	7.469D 07	3724.08	6.415D 07	5050.00	4.914D 07	
922.06	1.955D 05	1223.41	1.997D 07	3421.87	7.478D 07	3728.14	6.532D 07	5123.58	4.691D 07	
922.77	1.975D 05	1229.92	1.071D 08	3458.74	7.303D 07	3732.22	6.187D 07	5269.12	4.281D 07	
923.15	1.985D 05	1236.50	2.168D 08	3530.87	6.974D 07	3734.37	5.836D 07	5423.16	3.892D 07	
923.68	1.998D 05	1240.00	2.592D 08	3606.08	6.651D 07	3737.09	6.281D 07	5508.11	3.697D 07	
924.69	2.034D 05	1249.96	3.346D 08	3647.05	6.484D 07	3742.24	6.561D 07	5665.32	3.368D 07	
925.69	2.057D 05	1269.29	3.872D 08	3647.05	6.230D 07	3747.42	5.924D 07	5989.38	2.799D 07	
926.22	2.072D 05	1289.23	4.036D 08	3649.67	6.215D 07	3750.15	5.160D 07	6352.76	2.295D 07	
927.00	2.094D 05	1300.00	4.071D 08	3654.64	6.209D 07	3753.67	6.144D 07	6562.80	9.563D 06	
928.48	2.217D 05	1315.23	4.090D 08	3659.62	6.232D 07	3760.36	6.835D 07	6797.77	1.827D 07	
929.95	2.176D 05	1348.15	4.064D 08	3662.26	6.255D 07	3767.08	5.891D 07	7292.74	1.441D 07	
930.75	2.200D 05	1381.65	3.993D 08	3665.27	6.290D 07	3770.63	4.514D 07	7865.45	1.112D 07	
931.96	2.271D 05	1400.00	3.943D 08	3670.98	6.376D 07	3775.31	6.245D 07	8205.87	9.619D 06	
934.26	2.799D 05	1419.35	3.891D 08	3676.71	6.482D 07	3784.22	7.368D 07	8205.87	9.826D 06	
936.58	2.489D 05	1457.53	3.774D 08	3679.74	6.536D 07	3793.16	5.961D 07	8862.47	8.286D 06	
937.80	2.445D 05	1497.83	3.641D 08	3680.27	6.547D 07	3797.90	3.811D 07	10448.64	4.563D 06	
939.84	3.061D 05	1520.00	3.559D 08	3681.28	6.564D 07	3804.32	6.469D 07	12726.36	2.213D 06	
943.74	4.598D 05	1545.12	3.488D 08	3682.28	6.580D 07	3816.55	8.165D 07	14380.00	1.406D 06	
947.66	3.572D 05	1595.10	3.323D 08	3682.81	6.588D 07	3828.85	6.455D 07	15890.88	9.991D 05	
949.74	2.812D 05	1648.41	3.151D 08	3683.50	6.600D 07	3835.38	3.406D 07	19843.04	4.299D 05	
953.60	5.752D 05	1678.00	3.058D 08	3684.82	6.622D 07	3844.54	7.182D 07	26411.82	1.450D 05	
961.00	1.204D 06	1723.39	2.926D 08	3686.13	6.639D 07	3849.03	9.030D 07	32000.00	6.883D 04	
968.52	9.285D 05	1816.53	2.663D 08	3686.83	6.646D 07	3879.67	7.091D 07	34121.04	5.360D 04	
972.54	3.796D 05	1920.32	2.410D 08	3687.64	6.659D 07	3889.05	3.089D 07	39024.39	3.170D 04	
981.32	2.319D 06	1980.00	2.279D 08	3689.19	6.679D 07	3902.80	8.013D 07	45573.51	1.724D 04	
998.42	1.276D 07	1991.74	2.254D 08	3690.73	6.688D 07	3925.14	9.650D 07	50000.00	1.197D 04	
1016.12	4.735D 06	2014.39	2.207D 08	3691.55	6.691D 07	3955.84	8.056D 07	54724.75	8.382D 03	
1025.72	6.104D 05	2037.56	2.160D 08	3692.52	6.705D 07	3976.07	2.913D 07	66666.67	3.838D 03	
1037.82	1.179D 07	2050.00	2.135D 08	3694.35	6.722D 07	3992.20	8.885D 07	85275.25	1.445D 03	

TEFF = 14000.0 LOG(G) = 2.50 X = 0.66667 Y = 0.33333

I	TAU	TE	PG	PE	RHO	KAPZ	D=(%)	D	TE	XH2	XHE2	XHE3
1	1.0003-08	9.2100 03	1.0102-05	5.0460-06	8.9680-18	2.9770-01	-4.5100-01	-2.6750	02	1.0003 00	9.8700-01	8.9760-16
3	1.0003-07	9.1500 03	9.9902-05	4.9560-05	8.9910-17	2.9360-01	-4.5100-01	-4.9670	02	1.0003 00	8.6120-01	5.0260-17
5	1.0003-06	9.3200 03	1.0310-03	5.0150-04	9.1740-16	2.8270-01	-4.5100-01	-5.0590	02	1.0003 00	5.3150-01	1.1320-17
7	1.0003-05	8.7690 03	1.0940-02	5.1500-03	1.0660-14	2.6580-01	-4.5550-01	-4.7610	02	9.9980 01	1.3670-02	3.4520-22
9	1.0003-04	9.4860 03	1.1070-01	5.2160-02	9.9770-14	2.6850-01	-6.0170-01	-3.0860	02	9.9970 01	1.9060-02	1.3280-20
11	1.0003-03	9.8500 03	1.0590 00	4.9810-01	9.2000-13	2.9330-01	-1.0060 00	9.6710	00	9.9860 01	6.7410-03	6.3120-21
13	1.3590-03	1.0110 04	1.4160 00	6.6660-01	1.1980-12	2.9470-01	-1.0120 00	7.4140	00	9.9880 01	1.1400-02	4.5310-20
15	1.8480-03	9.6590 03	1.8860 00	8.8580-01	1.6730-12	3.1100-01	-1.0140 00	1.7570	01	9.9640 01	2.0490-03	2.9010-22
17	2.5120-03	1.0170 04	2.5050 00	1.1780 00	2.1080-12	3.1590-01	-1.0250 00	1.3090	01	9.9810 01	7.7720-03	2.5750-20
19	3.4150-03	1.0170 04	3.3090 00	1.8560 00	2.7850-12	3.3200-01	-1.0340 00	1.3700	01	9.9750 01	5.8860-03	1.4710-20
21	4.6420-03	1.0200 04	4.3380 00	2.0390 00	3.6430-12	3.5170-01	-1.0370 00	1.3780	01	9.9690 01	4.8900-03	1.1140-20
23	6.3100-03	1.0220 04	5.6370 00	2.6480 00	4.7260-12	3.7660-01	-1.0340 00	1.3860	01	9.9610 01	4.0220-03	8.0950-21
25	8.5770-03	1.0250 04	7.2560 00	3.4070 00	6.0670-12	4.0680-01	-1.0360 00	1.3930	01	9.9520 01	3.4230-03	6.4760-21
27	1.1660-02	1.0300 04	9.2510 00	4.3410 00	7.7070-12	4.2700-01	-1.0240 00	1.4030	01	9.9440 01	3.0510-03	5.9260-21
29	1.5850-02	1.0360 04	1.1690 01	5.4830 00	9.6830-12	4.8430-01	-9.9360-01	1.4170	01	9.9360 01	2.8930-03	6.5080-21
31	2.1540-02	1.0450 04	1.4640 01	6.8680 00	1.2030-11	5.3120-01	-9.4610-01	1.4360	01	9.9310 01	2.9640-03	9.0170-21
33	2.9290-02	1.0560 04	1.8220 01	8.5440 00	1.4810-11	5.8290-01	-8.8120-01	1.4600	01	9.9290 01	3.3070-03	1.6160-20
35	3.9810-02	1.0710 04	2.2550 01	1.0580 01	1.8070-11	6.3890-01	-7.9190-01	1.4870	01	9.9310 01	4.0170-03	3.7560-20
37	5.4120-02	1.0890 04	2.7820 01	1.3050 01	2.1920-11	6.9560-01	-6.9150-01	1.5150	01	9.9350 01	5.2310-03	1.0800-19
39	7.3560-02	1.1090 04	3.4230 01	1.6070 01	2.6460-11	7.6500-01	-5.7250-01	1.5350	01	9.9410 01	7.2410-03	3.7520-19
41	1.0003-01	1.1330 04	4.2060 01	1.9760 01	3.1810-11	8.3460-01	-4.5650-01	1.5530	01	9.9490 01	1.0670-02	1.5820-18
43	1.2590-01	1.1540 04	4.9090 01	2.3070 01	3.6450-11	8.8960-01	-3.8550-01	1.5560	01	9.9550 01	1.4830-02	5.2590-18
45	1.5850-01	1.1760 04	5.7310 01	2.6950 01	4.1710-11	9.4700-01	-2.9980-01	1.5460	01	9.9610 01	2.1270-02	1.9370-17
47	1.9950-01	1.2010 04	6.6960 01	3.1520 01	4.7690-11	1.0070 00	-2.1500-01	1.5280	01	9.9680 01	3.1320-02	7.7980-17
49	2.5120-01	1.2290 04	7.8320 01	3.6920 01	5.4450-11	1.0700 00	-1.6050-01	1.4930	01	9.9730 01	4.7550-02	3.4980-16
51	3.1620-01	1.2590 04	9.2170 01	4.3320 01	6.2130-11	1.1370 00	-1.2930-01	1.4500	01	9.9780 01	7.2910-02	1.6550-15
53	3.9810-01	1.2920 04	1.0750 02	5.0940 01	7.0810-11	1.2070 00	-1.0280-01	1.3980	01	9.9810 01	1.1360-01	8.5260-15
55	5.0120-01	1.3280 04	1.2630 02	6.0040 01	8.0590-11	1.2860 00	-8.0800-02	1.3410	01	9.9830 01	1.7420-01	4.4360-14
57	6.3100-01	1.3660 04	1.4830 02	7.0910 01	9.1580-11	1.3750 00	-4.8350-03	1.2640	01	9.9850 01	2.5770-01	2.2200-13
59	7.9430-01	1.4080 04	1.7420 02	8.3890 01	1.0370-10	1.4700 00	-3.3540-02	1.1770	01	9.9880 01	3.7070-01	1.1520-12
61	1.0003 00	1.4530 04	2.0460 02	9.9350 01	1.1710-10	1.5740 00	-1.5330-01	1.1240	01	9.9900 01	5.0210-01	5.7170-12
63	1.2590 00	1.5000 04	2.4040 02	1.1770 02	1.3230-10	1.6830 00	-1.5970-01	1.1050	01	9.9920 01	6.3180-01	2.5990-11
65	1.5850 00	1.5500 04	2.8270 02	1.3920 02	1.4950-10	1.7940 00	-1.6130-01	1.0780	01	9.9930 01	7.4440-01	1.0970-10
67	1.9950 00	1.6030 04	3.3280 02	1.6480 02	1.6940-10	1.9050 00	-1.0360-01	1.0570	01	9.9940 01	8.3140-01	4.3510-10
69	2.5120 00	1.6580 04	3.9270 02	1.9510 02	1.9270-10	2.0230 00	-2.5100-01	9.2940	00	9.9950 01	8.9010-01	1.5500-09
71	3.1620 00	1.7150 04	4.6420 02	2.3110 02	2.1970-10	2.1430 00	-2.6000-02	7.4680	00	9.9960 01	9.2710-01	5.2680-09
73	3.9810 00	1.7780 04	5.4990 02	2.7420 02	2.3060-10	2.2580 00	-5.1300-01	8.4390	00	9.9960 01	9.5260-01	1.8550-08
75	5.0120 00	1.8440 04	6.5300 02	3.2590 02	2.8670-10	2.3840 00	-2.0350-01	1.0060	01	9.9960 01	9.6910-01	6.1920-08
77	6.3100 00	1.9090 04	7.7630 02	3.8760 02	3.2910-10	2.5330 00	-1.5300-01	8.3890	00	9.9960 01	9.7910-01	1.8400-07
79	7.9430 00	1.9790 04	9.2300 02	4.6100 02	3.7730-10	2.6840 00	-5.4850-03	7.2800	00	9.9960 01	9.8610-01	5.4830-07
81	1.0003 01	2.0530 04	1.0980 03	5.4840 02	4.3220-10	2.8400 00	-5.3360-02	6.3010	00	9.9960 01	9.9080-01	1.6180-06
83	1.2590 01	2.1340 04	1.3060 03	6.5260 02	4.9470-10	2.9970 00	-1.5100-01	5.6420	00	9.9970 01	9.9610-01	4.8200-06
85	1.5850 01	2.2220 04	1.5550 03	7.7700 02	5.6570-10	3.1550 00	-2.9340-01	6.7950	00	9.9970 01	9.9740-01	1.4310-05
87	1.9950 01	2.3100 04	1.8520 03	9.2580 02	6.4810-10	3.3350 00	-2.8440-01	6.1430	00	9.9970 01	9.9740-01	3.9470-05
89	2.5120 01	2.3970 04	2.2060 03	1.1030 03	7.4380-10	3.5500 00	-1.0750-01	2.9320	00	9.9970 01	9.9810-01	9.7860-05
91	3.1620 01	2.4980 04	2.6230 03	1.3110 03	8.4870-10	3.7360 00	-1.7550-01	2.7750	00	9.9970 01	9.9850-01	2.6370-04
93	3.9810 01	2.6140 04	3.1170 03	1.5580 03	9.3700-10	3.8880 00	-5.4920-03	3.2230	00	9.9970 01	9.9830-01	7.6840-04
95	5.0120 01	2.7360 04	3.7110 03	1.8550 03	1.0960-09	4.0620 00	-1.4660-01	2.0840	00	9.9970 01	9.9710-01	2.1080-03
97	6.3100 01	2.8630 04	4.4210 03	2.2110 03	1.2480-09	4.2530 00	-5.9610-02	1.2920	00	9.9970 01	9.9380-01	5.5140-03
99	7.9430 01	3.0000 04	5.2630 03	2.6330 03	1.4170-09	4.4750 00	-4.3310-03	1.3860	00	9.9970 01	9.8530-01	1.4140-02

TEFF = 1400.0 LOG(G) = 2.50 X = 0.66667 Y = 0.33333

	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	4.706D 00	1061.56	3.216D 08	2050.00	2.026D 08	3696.18	6.008D 07	4034.83	9.070D 07	
546.43	2.866D 01	1085.41	3.479D 08	2127.72	1.899D 08	3697.15	5.390D 07	4078.38	8.737D 07	
649.38	7.827D 02	1100.00	3.568D 08	2292.47	1.856D 08	3698.31	6.155D 07	4101.73	2.583D 07	
805.11	1.906D 04	1112.26	3.628D 08	2484.88	1.420D 08	3700.50	6.765D 07	4141.06	8.408D 07	
911.76	9.380D 04	1136.26	3.702D 08	2600.00	1.299D 08	3702.69	5.933D 07	4217.72	7.983D 07	
911.76	9.373D 04	1161.33	3.738D 08	2600.00	1.299D 08	3703.85	4.908D 07	4297.27	7.541D 07	
913.07	2.330D 05	1175.00	3.736D 08	2677.27	1.228D 08	3705.25	6.161D 07	4340.46	2.340D 07	
915.54	3.024D 05	1181.83	3.716D 08	2837.09	1.091D 08	3707.91	7.138D 07	4422.28	6.927D 07	
918.03	3.670D 05	1194.99	3.626D 08	3017.20	9.593D 07	3710.56	6.036D 07	4586.15	6.205D 07	
919.35	3.946D 05	1208.45	2.636D 08	3121.75	8.923D 07	3711.97	4.536D 07	4762.63	5.523D 07	
919.63	3.979D 05	1215.67	6.429D 06	3121.76	8.927D 07	3713.69	6.346D 07	4861.32	1.950D 07	
920.16	4.015D 05	1216.42	5.452D 06	3169.76	8.641D 07	3716.95	7.644D 07	4892.89	5.060D 07	
920.68	4.111D 05	1217.83	2.216D 07	3264.93	8.111D 07	3720.21	6.207D 07	4953.86	4.887D 07	
920.96	4.182D 05	1219.25	9.373D 07	3365.99	7.594D 07	3721.94	4.119D 07	5016.38	4.701D 07	
921.34	4.258D 05	1220.00	1.405D 08	3421.57	7.326D 07	3724.08	6.616D 07	5050.00	4.604D 07	
922.00	4.319D 05	1223.41	2.775D 08	3421.57	7.339D 07	3728.14	8.272D 07	5123.58	4.400D 07	
923.77	4.451D 05	1229.92	3.454D 08	3458.74	7.168D 07	3732.22	6.655D 07	5269.12	4.027D 07	
923.15	4.506D 05	1236.50	3.614D 08	3530.87	6.848D 07	3734.37	3.853D 07	5423.16	3.675D 07	
923.68	4.583D 05	1240.00	3.650D 08	3606.08	6.534D 07	3737.09	7.184D 07	5508.11	3.497D 07	
924.69	4.697D 05	1249.96	3.691D 08	3647.05	6.370D 07	3742.24	8.930D 07	5665.32	3.195D 07	
925.69	4.950D 05	1269.29	3.696D 08	3647.05	6.105D 07	3747.42	7.184D 07	5989.38	2.669D 07	
926.22	5.032D 05	1289.23	3.676D 08	3649.67	6.099D 07	3750.15	3.608D 07	6352.76	2.201D 07	
927.00	5.133D 05	1300.00	3.661D 08	3654.64	6.234D 07	3753.67	7.810D 07	6562.80	9.683D 06	
928.48	5.994D 05	1316.23	3.632D 08	3659.62	6.552D 07	3760.36	9.528D 07	6797.77	1.760D 07	
928.96	5.497D 05	1348.15	3.573D 08	3662.26	6.761D 07	3767.08	7.976D 07	7292.74	1.391D 07	
930.75	5.600D 05	1381.65	3.573D 08	3665.27	6.962D 07	3770.63	3.519D 07	7865.45	1.078D 07	
934.26	6.103D 05	1400.00	3.463D 08	3676.71	6.995D 07	3775.31	8.638D 07	8205.87	9.336D 06	
934.26	9.094D 05	1419.35	3.414D 08	3676.71	6.663D 07	3784.22	9.962D 07	8205.87	9.376D 06	
936.58	7.252D 05	1457.53	3.324D 08	3679.74	6.494D 07	3793.16	8.637D 07	8862.47	7.920D 06	
937.80	6.787D 05	1497.83	3.227D 08	3680.27	6.530D 07	3797.90	3.247D 07	10448.64	4.403D 06	
939.84	1.057D 06	1520.00	3.174D 08	3681.28	6.504D 07	3804.32	9.242D 07	12726.36	2.151D 06	
943.74	2.531D 06	1545.12	3.107D 08	3682.28	6.344D 07	3816.55	1.016D 08	14380.00	1.371D 06	
947.66	1.400D 06	1595.10	2.995D 08	3682.81	6.241D 07	3828.85	9.294D 07	15890.88	9.727D 05	
949.74	8.001D 05	1648.41	2.857D 08	3683.50	6.363D 07	3835.38	3.106D 07	19843.04	4.209D 05	
953.60	4.932D 06	1678.00	2.786D 08	3684.82	6.455D 07	3844.54	9.694D 07	26411.82	1.426D 05	
961.00	3.071D 07	1723.39	2.676D 08	3686.13	6.218D 07	3862.03	1.009D 08	32000.00	6.804D 04	
968.52	2.012D 07	1816.53	2.470D 08	3686.83	6.012D 07	3879.67	9.515D 07	34121.04	5.307D 04	
972.54	1.189D 06	1920.32	2.262D 08	3687.64	6.262D 07	3889.05	2.873D 07	39024.39	3.152D 04	
981.32	9.494D 07	1980.00	2.150D 08	3689.19	6.458D 07	3902.80	9.675D 07	45573.51	1.722D 04	
998.42	1.345D 08	1991.74	2.128D 08	3690.73	6.066D 07	3923.14	9.734D 07	50000.00	1.199D 04	
1016.12	1.739D 08	2014.39	2.087D 08	3691.55	5.715D 07	3955.84	9.386D 07	54724.75	8.426D 03	
1025.72	1.692D 06	2037.56	2.047D 08	3692.52	6.152D 07	3970.07	2.716D 07	66666.67	3.885D 03	
1037.82	2.365D 08	2050.00	2.026D 08	3694.35	6.555D 07	3992.20	9.278D 07	85275.25	1.475D 03	

TEFF = 14000.0 LOG(G) = 3.00 X = 0.66667 Y = 0.33333

I	TAJ	TE	PG	PE	RHD	KAPZ	D=(%)	D TE	XH2	XHE2	XHF3
1	1.0000-08	9.0930 03	3.3600-05	1.6740-05	2.9970-17	2.9610-01	3.4170-01	-4.9290 01	1.0000 00	9.3690-01	1.0310-16
3	1.0000-07	8.9450 03	3.3950-04	1.5450-04	3.1620-16	2.8040-01	3.4170-01	-2.9680 02	1.0000 00	4.6300-01	1.5740-18
5	1.0000-06	8.9110 03	3.6060-03	1.7050-03	3.4490-15	2.6740-01	3.4170-01	-4.0630 02	1.0000 00	6.8110-02	1.6970-20
7	1.0000-05	8.8410 03	3.6760-02	1.7300-02	3.5570-14	2.6640-01	3.4170-01	-4.1200 02	9.3960-01	5.4590-03	7.5250-23
9	1.0000-04	9.3340 03	3.6210-01	1.7300-01	3.3200-13	2.7510-01	3.4170-01	-7.9430 01	9.3960-01	3.4790-03	2.4320-22
11	1.0000-03	9.9920 03	3.3280 00	1.5170 00	2.7680-12	3.3460-01	3.4550-01	-8.0830 01	9.9670-01	3.9670-03	2.7670-21
13	1.3590-03	1.0070 04	4.2340 00	1.9890 00	3.6040-12	3.5370-01	3.4750-01	-1.5290 02	9.9620-01	3.3700-03	3.3890-21
15	1.8480-03	1.0050 04	5.5180 00	2.5900 00	4.7080-12	3.6100-01	3.5050-01	-4.3050 00	9.9490-01	2.4540-03	1.9520-21
17	2.5120-03	1.0060 04	7.1260 00	3.3420 00	6.0780-12	4.1130-01	3.5950-01	-3.5550 00	9.9360-01	1.9520-03	1.0990-21
19	3.4150-03	1.0070 04	9.1130 00	4.2710 00	7.7690-12	4.5410-01	3.7460-01	-2.6550 00	9.9200-01	1.5880-03	7.5960-22
21	4.6420-03	1.0100 04	1.1550 01	5.4070 00	9.8300-12	5.0190-01	3.8670-01	-5.2430-01	9.9040-01	1.3510-03	5.9710-22
23	6.3100-03	1.0140 04	1.4510 01	6.7890 00	1.2310-11	5.5760-01	4.0210-01	-2.7780 00	9.8870-01	1.2180-03	5.5670-22
25	8.5770-03	1.0200 04	1.8090 01	8.4580 01	1.5270-11	6.2100-01	4.2970-01	-6.8410 00	9.8740-01	1.1760-03	6.3770-22
27	1.1660-02	1.0280 04	2.2420 01	1.0470 01	1.8770-11	6.9220-01	4.2130-01	-1.0930 01	9.8650-01	1.2230-03	9.1290-22
29	1.5850-02	1.0390 04	2.7640 01	1.2910 01	2.2900-11	7.7120-01	3.7590-01	-1.4030 01	9.8620-01	1.3630-03	1.6160-21
31	2.1540-02	1.0520 04	3.3940 01	1.5860 01	2.7770-11	9.5870-01	3.5790-01	-1.5930 01	9.8630-01	1.6100-03	3.4110-21
33	2.9290-02	1.0670 04	4.1550 01	1.9420 01	3.3520-11	9.5580-01	3.4510-01	-1.6850 01	9.8680-01	1.9870-03	8.2280-21
35	3.9810-02	1.0840 04	5.0770 01	2.3740 01	4.0310-11	1.0630 00	3.2510-01	-1.7250 01	9.8750-01	2.5470-03	2.2260-20
37	5.4120-02	1.1030 04	6.1920 01	2.8970 01	4.8300-11	1.1820 00	2.8940-01	-1.7200 01	9.8850-01	3.3900-03	5.7610-20
39	7.3560-02	1.1230 04	7.5440 01	3.5320 01	5.7730-11	1.3110 00	2.5100-01	-1.6520 01	9.8970-01	4.6900-03	2.3110-19
41	1.0000-01	1.1470 04	9.1890 01	4.3050 01	6.8830-11	1.4500 00	2.2530-01	-1.4530 01	9.9100-01	6.7720-03	9.0360-19
43	1.2590-01	1.1660 04	1.0660 02	4.9970 01	7.8420-11	1.5600 00	2.0260-01	-1.4460 01	9.9210-01	9.2610-03	2.8240-18
45	1.3850-01	1.1880 04	1.2370 02	5.8030 01	8.9310-11	1.6770 00	1.3520-01	-1.3690 01	9.9310-01	1.2900-02	9.3660-18
47	1.9950-01	1.2120 04	1.4360 02	6.7460 01	1.0160-10	1.7980 00	1.4080-01	-1.1251 01	9.9420-01	1.8580-02	3.4660-17
49	2.5120-01	1.2380 04	1.6700 02	7.9540 01	1.1550-10	1.9240 00	9.7030-02	-1.1750 01	9.9510-01	2.7450-02	1.3960-16
51	3.1620-01	1.2660 04	1.9450 02	9.1580 01	1.3140-10	2.0570 00	1.5620-01	-1.1530 01	9.9590-01	4.1300-02	6.0240-16
53	3.9810-01	1.2980 04	2.2690 02	1.0700 02	1.4930-10	2.1960 00	2.0280-01	-1.1750 01	9.9640-01	6.3280-02	2.8010-15
55	5.0120-01	1.3320 04	2.6500 02	1.2530 02	1.6950-10	2.3440 00	2.4920-01	-1.1230 01	9.9690-01	9.7910-02	1.3850-14
57	6.3100-01	1.3690 04	3.1000 02	1.4710 02	1.9230-10	2.5070 00	2.4920-01	-1.2020 01	9.9730-01	1.4990-01	6.9430-14
59	7.9430-01	1.4090 04	3.6290 02	1.7310 02	2.1780-10	2.6860 00	4.4220-02	-1.1530 01	9.9770-01	2.2490-01	3.5010-13
61	1.0000 00	1.4510 04	4.2510 02	2.0410 02	2.4610-10	2.8850 00	1.7470-01	-1.0880 01	9.9810-01	3.2520-01	1.7370-12
63	1.2590 00	1.4940 04	4.9790 02	2.4070 02	2.7820-10	3.1120 00	1.2280-01	-8.5520 00	9.9840-01	4.3580-01	7.3910-12
65	1.5350 00	1.5400 04	5.8290 02	2.9380 02	3.1380-10	3.3520 00	3.7950-01	-8.0930 00	9.9870-01	5.5460-01	3.0150-11
67	1.9950 00	1.5900 04	6.8240 02	3.3470 02	3.5350-10	3.5960 00	3.4420-01	-8.9010 00	9.9890-01	6.7140-01	1.2110-10
69	2.5120 00	1.6440 04	7.9970 02	3.9460 02	3.9830-10	3.8370 00	2.8970-01	-1.1220 01	9.9910-01	7.7250-01	4.7350-10
71	3.1620 00	1.7010 04	9.3920 02	4.6540 02	4.5020-10	4.0790 00	1.3780-01	-1.2520 01	9.9920-01	8.4050-01	1.7360-09
73	3.9810 00	1.7580 04	1.1050 03	5.4890 02	5.1090-10	4.3400 00	4.47850-01	-9.4590 00	9.9920-01	8.9420-01	5.6830-09
75	5.0120 00	1.8160 04	1.3010 03	6.4760 02	5.8150-10	4.6300 00	2.6000-01	-6.6640 00	9.9930-01	9.2640-01	1.6880-08
77	6.3100 00	1.8780 04	1.5340 03	7.6440 02	6.6210-10	4.9250 00	3.3400-01	-1.0180 01	9.9930-01	9.4990-01	5.0000-08
79	7.9430 00	1.9430 04	1.8090 03	9.0280 02	7.5410-10	5.2310 00	3.5020-01	-1.2220 01	9.9930-01	9.6630-01	1.4560-07
81	1.0000 01	2.0120 04	2.1370 03	1.0670 03	8.5940-10	5.5500 00	1.39590-01	-1.2220 01	9.9930-01	9.7740-01	4.1680-07
83	1.2590 01	2.0930 04	2.5280 03	1.2630 03	9.7750-10	5.8360 00	1.30250-01	-1.4530 01	9.9940-01	9.8550-01	1.3030-06
85	1.5850 01	2.1700 04	2.9950 03	1.4960 03	1.1160-09	6.1950 00	3.3280-01	-1.1400 01	9.9940-01	9.9020-01	3.5490-06
87	2.5120 01	2.2490 04	3.5480 03	1.7730 03	1.2760-09	6.5950 00	3.7490-01	-8.2360 00	9.9940-01	9.9320-01	9.1050-06
89	3.1620 01	2.3340 04	4.2040 03	2.1010 03	1.4560-09	7.0030 00	5.3780-01	-1.1720 01	9.9950-01	9.9530-01	2.3430-05
91	3.9810 01	2.4240 04	4.9800 03	2.4890 03	1.6610-09	7.4200 00	2.3290-02	-1.1010 01	9.9950-01	9.9670-01	5.9770-05
93	5.0120 01	2.5320 04	5.9030 03	2.9500 03	1.8840-09	7.7520 00	2.59840-01	-1.0520 01	9.9950-01	9.9770-01	1.7090-04
95	6.3100 01	2.6430 04	7.0100 03	3.5040 03	2.1440-09	8.1410 00	1.30050-02	-9.2770 00	9.9960-01	9.9780-01	4.5560-04
97	7.9430 01	2.7600 04	8.3340 03	4.1660 03	2.4400-09	8.5560 00	8.44320-02	-7.2500 00	9.9960-01	9.9740-01	1.1780-03
99	9.9430 01	2.8870 04	9.9140 03	4.9560 03	2.7760-09	8.9800 00	1.39500-01	-7.7680 00	9.9960-01	9.9580-01	3.0130-03



TEFF = 14000.0 LOG(G) = 3.00 X = 0.66667 Y = 0.33333									
-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.20	4.7540 00	1061.56	3.1770 08	2050.00	2.0090 03	3696.18	6.0290 07	4034.83	9.3180 07
546.43	2.7440 01	1086.41	3.6260 08	2127.72	1.8790 03	3697.15	6.0530 07	4078.38	8.9010 07
649.38	7.2310 02	1100.00	3.7720 08	2292.47	1.6330 08	3698.31	6.0960 07	4101.73	4.2540 07
800.11	1.7430 04	1112.26	3.8720 08	2484.88	1.3970 08	3700.50	6.4180 07	4141.06	8.6220 07
911.76	8.7440 04	1136.26	3.9880 08	2600.00	1.2780 03	3702.69	5.9000 07	4217.72	8.1990 07
911.76	8.7300 04	1161.33	4.0260 08	2600.00	1.2780 03	3703.85	5.8510 07	4297.27	7.7180 07
913.07	2.1000 05	1175.00	4.0000 09	2677.27	1.2070 08	3705.25	5.0480 07	4340.46	3.8340 07
915.54	2.6290 05	1181.83	3.9750 08	2837.09	1.0720 03	3707.91	6.6250 07	4422.28	7.0900 07
918.03	2.9810 05	1194.99	3.7490 08	2917.20	9.4370 07	3710.56	5.8710 07	4586.15	6.3380 07
919.35	3.1340 05	1208.45	1.8840 08	3121.75	8.7840 07	3711.97	5.6350 07	4762.63	5.6270 07
919.69	3.1540 05	1215.67	4.9150 06	3121.76	8.7850 07	3713.69	6.1020 07	4861.32	2.8870 07
920.15	3.1920 05	1216.42	4.9340 06	3169.76	8.5070 07	3716.95	6.9750 07	4892.89	5.1260 07
920.68	3.2820 05	1217.83	1.0610 07	3264.93	7.9910 07	3720.21	5.8730 07	4953.86	4.9700 07
920.96	3.3190 05	1219.25	3.4970 07	3365.99	7.4870 07	3721.94	5.3070 07	5016.38	4.7790 07
921.34	3.3490 05	1220.00	6.1170 07	3421.97	7.2250 07	3724.08	6.1910 07	5050.00	4.6790 07
922.06	3.3820 05	1223.41	2.0930 08	3421.97	7.2320 07	3728.14	7.5030 07	5123.58	4.4680 07
922.77	3.4820 05	1229.92	3.3730 08	3459.74	7.0650 07	3732.22	6.1350 07	5269.12	4.0840 07
923.15	3.5290 05	1236.50	3.7440 08	3530.87	6.7520 07	3734.37	5.1150 07	5423.16	3.7220 07
923.69	3.5810 05	1240.00	3.8300 08	3606.08	6.4450 07	3737.09	6.5640 07	5508.11	3.5390 07
924.69	3.7570 05	1249.96	3.9380 08	3647.05	6.2850 07	3742.24	8.1700 07	5665.32	3.2310 07
925.69	3.7970 05	1269.29	3.9720 08	3647.05	6.0230 07	3747.42	6.4830 07	5989.38	2.6940 07
926.22	3.8580 05	1289.23	3.9490 08	3649.67	6.0130 07	3750.13	4.9080 07	6352.76	2.2180 07
927.00	3.9350 05	1300.00	3.9270 08	3654.64	6.0910 07	3753.67	7.0420 07	6562.80	1.3360 07
928.48	4.5030 05	1316.23	3.8940 08	3659.62	6.2920 07	3760.35	8.8990 07	6797.77	1.7710 07
929.95	4.1960 05	1348.15	3.8100 08	3662.26	6.4390 07	3767.08	7.1710 07	7292.74	1.3990 07
930.75	4.2650 05	1381.65	3.7090 08	3665.27	6.6140 07	3770.63	4.8520 07	7865.45	1.0820 07
931.96	4.5960 05	1400.00	3.6520 09	3670.98	6.8530 07	3775.31	7.8560 07	8205.87	9.3700 06
934.26	6.2660 05	1419.35	3.6020 08	3676.71	6.8220 07	3784.22	9.5700 07	8205.87	9.4930 06
936.59	5.3280 05	1457.53	3.4820 08	3679.74	6.7110 07	3793.16	7.8690 07	8862.47	8.0140 06
937.80	5.0630 05	1497.83	3.3540 08	3680.27	6.6790 07	3797.90	4.7540 07	10448.64	4.4390 06
939.84	7.1950 05	1520.00	3.2860 08	3681.28	6.6340 07	3804.32	8.6080 07	12726.36	2.1630 06
943.74	1.2460 06	1545.12	3.2160 08	3682.28	6.5880 07	3816.55	1.0030 08	14380.00	1.3780 06
947.66	8.9070 05	1595.10	3.0650 08	3682.81	6.5750 07	3828.85	8.7320 07	15890.88	9.7820 05
949.74	5.9230 05	1648.41	2.9120 08	3683.50	6.5400 07	3835.38	4.7490 07	19843.04	4.2240 05
953.60	1.7800 06	1679.00	2.8300 08	3684.82	6.5020 07	3844.54	9.3770 07	26411.82	1.4290 05
961.00	8.8530 06	1723.39	2.7120 08	3686.13	6.4100 07	3862.03	1.0180 08	32000.00	6.8050 04
968.52	5.0970 06	1816.53	2.4790 08	3686.93	6.4070 07	3879.67	9.2360 07	34121.04	5.3050 04
972.54	8.5250 05	1920.32	2.2580 08	3687.64	6.3750 07	3889.05	4.6420 07	39024.39	3.1460 04
981.32	4.1370 07	1980.00	2.1400 08	3689.19	6.3890 07	3902.80	9.6420 07	45573.51	1.7170 04
998.42	1.3050 08	1991.74	2.1160 08	3690.73	6.2060 07	3929.14	9.9540 07	50000.00	1.1950 04
1016.12	1.0200 03	2014.39	2.0730 08	3691.55	6.2180 07	3955.84	9.4160 07	54724.75	8.3830 03
1025.72	1.2610 06	2037.56	2.0310 08	3692.52	6.1930 07	3970.07	4.5700 07	66666.67	3.8600 03
1037.82	1.7470 08	2050.00	2.0090 08	3694.35	6.3510 07	3992.20	9.4490 07	85275.25	1.4630 03

T EFF = 14000.0 LOG(G) = 3.50 X = 0.66667 Y = 0.33333

I	TAJ	TE	PG	PE	RHD	KAPZ	DF(%)	D	TE	XH2	XHE2	XHE3
1	1.0000-08	8.8400-03	1.1000-04	5.3860-05	1.0260-16	2.8610-01	-5.7730-02	4.1190	02	1.0000	00	2.7790-18
3	1.0000-07	8.7580-03	1.1440-03	5.4230-04	1.1100-15	2.6880-01	-5.7730-02	4.0810	02	1.0000	00	2.4410-20
5	1.0000-06	8.7490-03	1.1720-02	5.5180-03	1.1450-14	2.6580-01	-5.7730-02	4.0770	02	9.9980	01	2.3180-22
7	1.0000-05	9.2110-03	1.1750-01	5.5300-02	1.0910-13	2.6860-01	-5.7730-02	4.0070	02	9.9940	01	6.8930-03
9	1.0000-04	9.5330-03	1.1200-00	5.2620-01	1.0060-12	2.9370-01	-5.7460-02	-1.16260	01	9.9720	01	2.2570-03
11	1.0000-03	9.9960-03	8.6530-00	4.0530-00	7.4360-12	4.4950-01	-5.6570-02	3.1850	00	9.9130	01	2.1930-22
13	1.3590-03	1.0000-04	1.1020-01	5.1560-00	9.4490-12	4.9680-01	-5.7490-02	3.6250	00	9.8960	01	1.3220-03
15	1.8480-03	1.0020-04	1.3900-01	6.4940-00	1.1940-11	5.5650-01	-6.7910-02	3.2600	00	9.8680	01	3.3070-22
17	2.5120-03	1.0040-04	1.7370-01	8.1020-00	1.4940-11	6.2720-01	-7.5880-02	2.6250	00	9.8370	01	2.0120-22
19	3.4150-03	1.0040-04	2.1520-01	1.0020-01	1.8510-11	7.0910-01	-6.8670-02	1.6830	00	9.8060	01	1.3350-22
21	4.6420-03	1.0080-04	2.6500-01	1.2320-01	2.2740-11	8.0230-01	-4.7290-02	5.6580	01	9.7770	01	1.0220-22
23	6.3100-03	1.0140-04	3.2440-01	1.5070-01	2.7710-11	9.0670-01	-3.0090-03	-6.0760	01	9.7540	01	6.1510-04
25	8.5770-03	1.0220-04	3.9560-01	1.8360-01	3.3520-11	1.0220-00	7.5830-02	-1.6840	00	9.7410	01	5.5770-04
27	1.1660-02	1.0330-04	4.8110-01	2.2320-01	4.0350-11	1.1500-00	3.9150-02	-2.5360	00	9.7380	01	5.4570-04
29	1.5350-02	1.0460-04	5.8400-01	2.7110-01	4.8370-11	1.2930-00	-4.6950-02	-3.1360	00	9.7430	01	1.0900-22
31	2.1540-02	1.0660-04	7.0790-01	3.2870-01	5.7820-11	1.4530-00	-6.7150-02	-3.3990	00	9.7520	01	6.4100-22
33	2.9290-02	1.0750-04	8.5700-01	3.9820-01	6.8970-11	1.6320-00	-7.7720-02	-3.6710	00	9.7640	01	9.5250-04
35	3.9810-02	1.0920-04	1.0370-02	4.8210-01	8.2080-11	1.8310-00	-9.4480-02	-3.6970	00	9.7800	01	1.9400-03
37	5.4120-02	1.1100-04	1.2530-02	5.8340-01	9.7510-11	2.0520-00	-1.2000-01	-3.2110	00	9.7990	01	1.5370-03
39	7.3560-02	1.1300-04	1.5150-02	7.0620-01	1.1570-10	2.2950-00	-1.2920-01	-2.4380	00	9.8190	01	2.0390-03
41	1.0000-01	1.1530-04	1.8320-02	8.5510-01	1.3700-10	2.5590-00	-1.1150-01	-1.3310	00	9.8420	01	9.8400-20
43	1.2590-01	1.1720-04	2.1140-02	9.8780-01	1.5530-10	2.7670-00	-1.3030-01	-3.4770	01	9.8600	01	3.9540-03
45	1.5850-01	1.1930-04	2.4420-02	1.1420-02	1.7610-10	2.9890-00	-1.2840-01	9.7970	02	9.8770	01	5.3670-03
47	1.9950-01	1.2160-04	2.8230-02	1.3220-02	1.9950-10	3.2180-00	-1.4710-01	6.6640	01	9.8950	01	7.3760-03
49	2.5120-01	1.2410-04	3.2700-02	1.5330-02	2.2610-10	3.4560-00	-1.3580-01	9.4980	01	9.9110	01	1.0510-02
51	3.1620-01	1.2700-04	3.7930-02	1.7810-02	2.5620-10	3.7020-00	2.4990-02	1.3580	00	9.9240	01	1.5380-02
53	3.9810-01	1.3010-04	4.4090-02	2.0720-02	2.9030-10	3.9560-00	1.3030-01	1.4190	00	9.9340	01	2.3110-02
55	5.0120-01	1.3340-04	5.1340-02	2.4180-02	3.2910-10	4.2250-00	1.4300-01	1.0070	00	9.9430	01	5.5330-02
57	6.3100-01	1.3710-04	5.9900-02	2.8280-02	3.7290-10	4.5140-00	1.5950-02	2.6940	01	9.9520	01	8.4130-15
59	7.9430-01	1.4090-04	6.9990-02	3.3150-02	4.2240-10	4.8330-00	-1.7080-01	-1.7230	01	9.9590	01	2.2210-14
61	1.0000-00	1.4510-04	8.1850-02	3.8950-02	4.7780-10	5.1850-00	-2.3810-01	-3.3380	02	9.9660	01	1.0800-13
63	1.2590-00	1.4920-04	9.5720-02	4.5810-02	5.4080-10	5.6020-00	1.1340-01	1.4730	00	9.9720	01	5.5250-13
65	1.5850-00	1.5360-04	1.1190-03	5.3900-02	6.1020-10	6.0480-00	3.7890-01	1.1630	00	9.9770	01	2.0050-01
67	1.9950-00	1.5850-04	1.3080-03	6.3470-02	6.8650-10	6.5100-00	2.1610-01	-4.0670	01	9.9810	01	8.6450-02
69	2.5120-00	1.6380-04	1.5290-03	7.4780-02	7.7130-10	6.9890-00	-8.0030-02	-2.1170	00	9.9850	01	2.8140-01
71	3.1620-00	1.6930-04	1.7900-03	8.8070-02	8.6790-10	7.4810-00	-4.3020-01	-2.1130	00	9.9870	01	3.8320-01
73	3.9810-00	1.7480-04	2.0970-03	1.0360-03	9.8080-10	8.0160-00	-5.9770-01	1.0740	00	9.9880	01	5.0210-01
75	5.0120-00	1.8020-04	2.4570-03	1.2180-03	1.1110-09	8.5940-00	1.7140-01	3.6840	00	9.9880	01	8.5740-01
77	6.3100-00	1.8620-04	2.8830-03	1.4330-03	1.2580-09	9.1480-00	6.0280-01	-3.3030	01	9.9880	01	9.3230-01
79	7.9430-00	1.9270-04	3.3870-03	1.6860-03	1.4260-09	9.7300-00	8.4850-02	-2.1050	00	9.9890	01	8.5740-01
81	1.0000-01	1.9940-04	3.9840-03	1.9860-03	1.6200-09	1.0350-01	-2.6220-01	-7.7970	01	9.8990	01	1.9230-08
83	1.2590-01	2.0720-04	4.6960-03	2.3430-03	1.8360-09	1.0900-01	-4.0950-01	-1.6640	00	9.9900	01	9.3230-01
85	1.5850-01	2.1450-04	5.5430-03	2.7670-03	2.0920-09	1.1610-01	-3.7480-01	2.2160	00	9.9900	01	5.5350-01
87	1.9950-01	2.2190-04	6.5420-03	3.2670-03	2.3850-09	1.2380-01	6.4450-01	3.0990	00	9.9910	01	9.7930-01
89	2.5120-01	2.3030-04	7.7260-03	3.8590-03	2.7140-09	1.3130-01	6.2240-01	-3.7980	00	9.9920	01	1.3040-06
91	3.1620-01	2.3900-04	9.1300-03	4.5620-03	3.0890-09	1.3930-01	-2.3310-01	-3.1800	00	9.9920	01	8.5340-06
93	3.9810-01	2.4940-04	1.0800-04	5.3970-03	3.5010-09	1.4570-01	-6.2170-02	-1.6850	01	9.9930	01	2.1620-05
95	5.0120-01	2.6010-04	1.2800-04	6.3990-03	3.9810-09	1.5340-01	-4.0450-02	5.3100	01	9.9930	01	6.1540-05
97	6.3100-01	2.7130-04	1.5200-04	7.5960-03	4.5290-09	1.6160-01	1.4110-01	8.0600	01	9.9930	01	1.6230-04
99	7.9430-01	2.8350-04	1.8060-04	9.0280-03	5.1500-09	1.6970-01	4.6950-01	-7.4400	01	9.9940	01	9.9680-01

TEFe = 14000.0 LOG(G) = 3.50 X = 0.66667 Y = 0.33333

_AM	F	LAM	LAM	F	LAM	LAM	F	LAM	LAM	F	LAM	LAM	F	LAM
504.26	4.253D 00	1061.56	2.863D 08	2050.00	2.006D 08	3696.18	6.154D 07	4034.83	9.431D 07					
546.43	2.486D 01	1085.41	3.515D 08	2127.72	1.873D 08	3697.15	6.157D 07	4078.38	8.892D 07					
649.38	6.616D C2	1100.00	3.737D 08	2292.47	1.623D 08	3698.31	6.157D 07	4101.73	3.984D 07					
800.11	1.559D 04	1112.26	3.886D 08	2484.88	1.385D 08	3700.50	6.275D 07	4141.06	8.713D 07					
911.76	7.792D 04	1136.26	4.068D 08	2600.00	1.267D 08	3702.69	5.959D 07	4217.72	8.323D 07					
911.76	7.773D 04	1161.33	4.122D 08	2600.00	1.267D 08	3703.85	5.940D 07	4297.27	7.803D 07					
913.07	1.834D C5	1175.00	4.068D 08	2677.27	1.195D 08	3705.25	6.036D 07	4340.46	3.608D 07					
915.54	2.295D 05	1181.83	4.016D 08	2837.09	1.062D 08	3707.91	6.339D 07	4422.28	7.182D 07					
918.03	3.659D 05	1194.99	3.572D 08	3017.20	9.346D 07	3710.56	5.870D 07	4586.15	6.416D 07					
919.35	2.893D C5	1208.45	1.044D 08	3121.75	8.700D 07	3711.97	5.744D 07	4762.63	5.686D 07					
919.63	2.892D 05	1215.67	4.047D 06	3121.76	8.701D 07	3713.69	6.021D 07	4861.32	2.750D 07					
920.16	2.857D 05	1215.42	4.064D 06	3169.76	8.426D 07	3716.95	6.529D 07	4892.89	5.137D 07					
920.68	2.914C C5	1217.83	7.141D 06	3264.93	7.918D 07	3720.21	5.744D 07	4953.86	5.015D 07					
920.96	2.943D C5	1219.25	1.563D 07	3365.99	7.420D 07	3721.94	5.374D 07	5016.38	4.823D 07					
921.34	2.970D C5	1220.00	2.521D 07	3421.87	7.161D 07	3724.08	5.982D 07	5050.00	4.721D 07					
922.06	3.000D 05	1223.41	1.245D 08	3421.87	7.164D 07	3728.14	6.902D 07	5123.58	4.507D 07					
922.77	3.068D 05	1229.92	2.931D 08	3458.74	6.999D 07	3732.22	5.835D 07	5269.12	4.117D 07					
923.15	3.098D 05	1236.50	3.608D 08	3530.87	6.690D 07	3734.37	5.084D 07	5423.16	3.749D 07					
923.68	3.135D C5	1240.00	3.781D 08	3606.08	6.386D 07	3737.09	6.176D 07	5508.11	3.564D 07					
924.69	3.258D C5	1249.96	4.013D 08	3647.05	6.229D 07	3742.24	7.458D 07	5665.32	3.251D 07					
925.69	3.291D 05	1269.29	4.121D 08	3647.05	5.974D 07	3747.42	6.005D 07	5989.38	2.708D 07					
926.22	3.330D C5	1289.23	4.116D 08	3649.67	5.962D 07	3750.15	4.758D 07	6352.76	2.227D 07					
927.00	3.381D C5	1300.00	4.096D 08	3654.64	6.002D 07	3753.67	6.469D 07	6562.80	1.294D 07					
928.48	3.740D C5	1316.23	4.064D 08	3659.62	6.126D 07	3760.36	8.184D 07	6797.77	1.776D 07					
929.96	3.526D C5	1348.15	3.969D 08	3662.26	6.223D 07	3767.08	6.515D 07	7292.74	1.402D 07					
930.75	3.615D 05	1381.65	3.853D 08	3665.27	6.352D 07	3770.63	4.618D 07	7865.45	1.084D 07					
931.96	3.818D 05	1400.00	3.786D 08	3670.98	6.591D 07	3775.31	7.134D 07	8205.87	9.381D 06					
934.26	4.889D C5	1419.35	3.734D 08	3670.98	6.730D 07	3784.22	8.958D 07	8205.87	9.555D 06					
936.58	4.315D 05	1457.53	3.597D 08	3679.74	6.732D 07	3793.16	7.123D 07	8862.47	8.063D 06					
937.80	4.105D 05	1497.83	3.449D 08	3680.27	6.723D 07	3797.90	4.466D 07	10448.64	4.457D 06					
939.84	5.435D 05	1545.12	3.298D 08	3682.28	6.688D 07	3804.32	7.880D 07	12726.36	2.168D 06					
943.74	8.398D 05	1648.41	3.732D 08	3682.81	6.680D 07	3816.55	9.640D 07	14380.00	1.380D 06					
947.66	6.537D C5	1595.10	3.130D 08	3682.81	6.680D 07	3828.85	8.038D 07	15890.88	9.805D 05					
953.60	1.098D 06	1678.00	2.871D 08	3684.82	6.661D 07	3835.38	4.426D 07	19843.04	4.229D 05					
961.00	3.151D C6	1723.39	2.746D 08	3684.82	6.629D 07	3844.54	8.820D 07	26411.82	1.430C 05					
968.52	2.151D 06	1816.53	2.496D 08	3686.13	6.571D 07	3862.03	1.003D 08	32000.00	6.802D 04					
972.54	6.718D 05	1920.32	2.265D 08	3686.83	6.558D 07	3879.67	8.714D 07	34121.04	5.302D 04					
981.32	1.492D 07	1980.00	2.142D 08	3687.64	6.526D 07	3889.05	4.316D 07	39024.39	3.142D 04					
998.42	7.713D 07	1991.74	2.116D 08	3689.19	6.492D 07	3902.80	9.347D 07	45573.51	1.714D 04					
1016.12	4.386D 07	2014.39	2.072D 08	3691.73	6.374D 07	3929.14	9.984D 07	50000.00	1.192D 04					
1025.72	1.037D 06	2037.56	2.029D 08	3691.55	6.365D 07	3955.84	9.202D 07	54724.75	8.361D 03					
1037.82	1.007D 08	2050.00	2.006D 08	3692.52	6.327D 07	3970.07	4.250D 07	66666.67	3.846D 03					
				3694.35	6.353D 07	3992.20	9.427D 07	85275.25	1.456D 03					

TEFF = 14000.C LOG(G) = 4.00 X = 0.66667 Y = 0.33333

I	TAJ	TE	PG	PF	RHD	KAPZ	D= (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	9.2160 C3	3.4780-C4	1.7090-C4	3.1020-16	2.8810-D1	-5.3640-03	-4.0900 C2	1.0000 C0	6.9610-D1	1.9600-17
3	1.0000-C7	9.1400 C3	3.6120-03	1.7160-03	3.3520-15	2.7000-D1	-5.3640-03	-3.4870 02	1.0000 C0	1.4730-D1	2.2990-19
5	1.0000-C6	9.2470 C3	3.7250-02	1.7550-02	3.4420-14	2.6690-D1	-5.3640-03	-5.0200 C2	9.9980-C1	2.4300-02	8.4630-21
7	1.0000-C5	8.9200 C3	3.6790-C1	1.7280-01	3.5350-13	2.7670-D1	-5.7930-03	4.1570 02	9.9660-C1	7.4450-04	1.9620-24
9	1.0000-C4	9.6760 C3	3.2570 C0	1.5280-00	2.8980-12	3.4350-D1	-5.3640-03	3.2570 C1	9.9400-C1	1.2590-03	1.1670-22
11	1.0000-C3	9.9770 C3	2.0390 C1	9.4880 C0	1.7660-11	6.9500-D1	9.4320-03	-9.3740 00	9.7930-C1	5.3180-04	6.1100-23
13	1.3590-C3	9.9730 C3	2.5170 C1	1.1680 01	2.1850-11	7.9270-D1	4.3630-02	-1.1200 01	9.7450-C1	4.2680-04	3.8830-23
15	1.8480-C3	9.9870 C3	3.0850 C1	1.4270 01	2.6860-11	9.0660-D1	1.0120-01	-1.1260 01	9.6900-C1	3.4860-04	2.5830-23
17	2.5120-C3	9.9870 C3	3.7590 C1	1.7340 01	3.2760-11	1.0360 00	1.0680-01	-1.0560 01	9.6360-C1	3.0090-04	2.0300-23
19	3.4150-C3	1.0030 C4	4.5580 C1	2.0980 01	3.9650-11	1.1800 00	1.0990-01	-1.0120 C1	9.5930-C1	2.8240-04	2.0600-23
21	4.6420-C3	1.0100 C4	5.5130 C1	2.5340 01	4.7680-11	1.3400 00	1.4220-01	-1.0180 01	9.5670-C1	2.8940-04	2.7440-23
23	6.3100-C3	1.0200 C4	6.6560 C1	3.0580 01	5.7040-11	1.5160 00	3.1240-01	-1.0710 C1	9.5600-C1	3.2240-04	4.7330-23
25	8.5770-C3	1.0320 C4	8.0260 C1	3.6890 C1	6.7950-11	1.7110 00	5.1000-01	-1.1770 C1	9.5680-C1	3.8160-04	9.8640-23
27	1.1660-C2	1.0450 C4	9.6730 C1	4.4500 01	8.0780-11	1.9310 C0	2.7290-01	-1.2340 C1	9.5830-C1	4.6600-04	2.2620-22
29	1.5850-C2	1.0590 C4	1.1650 C2	5.3550 01	9.5960-11	2.1810 00	-5.1510-02	-1.2270 C1	9.5990-C1	5.7100-04	5.2380-22
31	2.1540-C2	1.0730 C4	1.4020 C2	6.4620 01	1.1390-10	2.4690 00	-1.1330-01	-1.2050 01	9.6130-C1	6.9080-04	1.1650-21
33	2.9290-C2	1.0880 C4	1.6870 C2	7.7810 01	1.3500-10	2.7920 00	-1.0720-01	-1.1300 C1	9.6330-C1	8.5990-04	2.8270-21
35	3.9810-C2	1.1040 C4	2.0290 C2	9.3660 01	1.5980-10	3.1550 00	-2.3980-01	-9.7780 00	9.6550-C1	1.0840-03	7.1370-21
37	5.4120-C2	1.1210 C4	2.4370 C2	1.1270 02	1.8890-10	3.5630 00	-3.0300-01	-7.7070 C0	9.6780-C1	1.3860-03	1.8800-20
39	7.3560-C2	1.1400 C4	2.9290 C2	1.3570 02	2.2300-10	4.0120 00	-3.4730-01	-4.9230 00	9.7050-C1	1.8310-03	5.4760-20
41	1.0000-C1	1.1600 C4	3.5220 C2	1.6340 02	2.6300-10	4.5100 C0	3.7460-01	-2.5670 C0	9.7330-C1	2.4710-03	1.7050-19
43	1.2590-C1	1.1780 C4	4.0460 C2	1.8800 02	2.9720-10	4.9040 C0	4.4850-01	-8.4160-D1	9.7580-C1	3.2360-03	4.6000-19
45	1.5850-C1	1.1980 C4	4.6530 C2	2.1650 02	3.3560-10	5.3150 00	-4.7630-01	8.4940-D1	9.7860-C1	4.3770-03	1.3730-18
47	1.9950-C1	1.2200 C4	5.3590 C2	2.4980 02	3.7900-10	5.7430 00	-4.7140-01	2.2520 C0	9.8140-C1	6.1030-03	4.5120-18
49	2.5120-C1	1.2450 C4	6.1810 C2	2.8860 02	4.2780-10	5.1810 C0	-3.4370-01	3.9320 C0	9.8410-C1	8.8490-03	1.6790-17
51	3.1620-C1	1.2720 C4	7.1440 C2	3.3400 02	4.8320-10	5.6350 00	-1.0570-01	4.7650 00	9.8640-C1	1.3130-02	6.7350-17
53	3.9810-C1	1.3030 C4	8.2750 C2	3.8750 02	5.4580-10	7.0940 C0	6.4400-02	4.5650 C0	9.8820-C1	2.0170-02	3.0280-16
55	5.0120-C1	1.3360 C4	9.6090 C2	4.5070 02	6.1690-10	7.5710 00	3.4240-02	3.4090 00	9.9000-C1	3.1710-02	1.8800-15
57	6.3100-C1	1.3730 C4	1.1190 C3	5.2590 02	6.9770-10	8.0750 00	4.5320-02	1.5260 C0	9.9310-C1	7.9130-02	3.8540-14
59	7.9430-C1	1.4120 C4	1.3050 C3	6.1490 02	7.8950-10	8.6310 00	-3.3640-02	1.2550 00	9.9440-C1	1.2250-01	1.9410-13
61	1.0000-C0	1.4530 C4	1.5230 C3	7.2060 02	8.9310-10	9.2430 00	5.0440-02	1.2550 00	9.9330-C1	1.7570-D1	9.9560-13
63	1.2590-C0	1.4920 C4	1.7800 C3	8.4510 02	1.0120-C9	9.9860 C0	4.5320-01	1.8910 C0	9.9530-C1	2.5320-01	3.5620-12
65	1.5850-C0	1.5370 C4	2.0790 C3	9.9270 02	1.1430-09	1.0750 01	4.3410-01	5.9960-02	9.9610-C1	3.5610-01	1.6380-11
67	1.9950-C0	1.5850 C4	2.4290 C3	1.1680 03	1.2860-09	1.1560 C1	-5.3990-02	-1.6160 00	9.9690-C1	4.7610-01	7.2600-11
69	2.5120-C0	1.6380 C4	2.8400 C3	1.3760 03	1.4450-09	1.2440 01	-5.1310-01	-1.5020 00	9.9750-C1	5.9180-01	2.8360-10
71	3.1620-C0	1.6920 C4	3.3200 C3	1.6200 03	1.6240-09	1.3380 01	-4.7590-01	-5.9320-02	9.9790-C1	6.8140-01	7.5730-01
73	3.9810-C0	1.7430 C4	3.8820 C3	1.9040 03	1.8340-09	1.4450 01	-4.3170-02	2.3280 00	9.9790-C1	8.8140-01	2.6610-09
75	5.0120-C0	1.7960 C4	4.5370 C3	2.2350 03	2.0710-09	1.5570 01	7.3320-01	2.0010 00	9.9810-C1	8.3150-01	9.1560-09
77	6.3100-C0	1.8610 C4	5.3090 C3	2.6270 03	2.3290-09	1.6540 01	7.0560-01	-5.0730 00	9.9810-C1	8.8200-01	7.7540-08
79	7.9430-C0	1.9240 C4	6.2230 C3	3.0880 03	2.6330-09	1.7640 01	-4.2400-01	-5.3370 00	9.9830-C1	9.1560-01	9.1560-09
81	1.0000-C1	1.9860 C4	7.2990 C3	3.6300 03	2.9860-09	1.8880 01	-3.3250-01	1.0440 00	9.9830-C1	9.4470-01	2.3010-07
83	1.2590-C1	2.0630 C4	8.5780 C3	4.2730 03	3.3730-09	1.9910 01	-4.5480-01	2.5540 00	9.9840-C1	9.6080-01	5.8120-07
85	1.5850-C1	2.1320 C4	1.0090 C4	5.0320 03	3.8370-09	2.1290 01	1.0480-01	4.8920 C0	9.9850-C1	9.7270-01	1.4770-06
87	1.9950-C1	2.2050 C4	1.1880 C4	5.9250 03	4.3590-09	2.2680 01	1.3340 00	2.3050 00	9.9860-C1	9.8220-01	4.2500-06
89	2.5120-C1	2.2960 C4	1.4000 C4	6.9890 03	4.9360-09	2.3850 01	4.7110-01	-7.1230 00	9.9880-C1	9.8770-01	1.0720-05
91	3.1620-C1	2.3820 C4	1.6530 C4	8.2560 03	5.6170-09	2.5340 01	-5.0430-01	-5.9170 00	9.9890-C1	9.9190-01	2.9330-05
93	3.9810-C1	2.4810 C4	1.9540 C4	9.7620 03	6.3700-09	2.6640 01	9.3040-02	1.0650 00	9.9900-C1	9.9190-01	7.5930-05
95	5.0120-C1	2.5850 C4	2.3140 C4	1.1560 04	7.2400-09	2.8090 01	-1.3220-01	1.1380 00	9.9910-C1	9.9500-01	1.9160-04
97	6.3100-C1	2.6940 C4	2.7430 C4	1.3710 04	8.2340-09	2.9640 01	-9.3200-02	2.5190 00	9.9910-C1	9.9570-01	5.0260-04
99	7.9430-C1	2.8170 C4	3.2560 C4	1.6270 04	9.3460-09	3.1050 01	2.1600 00	-2.1120 00	9.9910-C1		

TEFF = 14000.0 LOG(G) = 4.00 X = 0.66667 Y = 0.33333

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	4.647D 00	1061.56	2.383D 08	2050.00	2.030D 03	3696.18	6.449D 07	4034.83	9.487D 07
546.43	2.752D 01	1086.41	3.256D 08	2127.72	1.894D 03	3697.15	6.439D 07	4078.38	8.780D 07
649.39	7.330D 02	1100.00	3.547D 08	2292.47	1.639D 04	3698.31	6.416D 07	4101.73	3.840D 07
800.11	1.652D 04	1112.26	3.744D 08	2484.88	1.397D 08	3700.69	6.418D 07	4141.06	8.747D 07
911.76	7.766D 04	1135.26	4.001D 08	2600.00	1.278D 08	3703.85	6.221D 07	4217.72	8.423D 07
911.76	7.713D 04	1161.33	4.071D 08	2600.00	1.278D 08	3703.85	6.202D 07	4297.27	7.856D 07
913.07	1.749D 05	1175.00	3.978D 08	2677.62	1.205D 08	3705.25	6.227D 07	4340.46	3.493D 07
915.54	2.106D 05	1181.83	3.872D 08	2837.09	1.070D 08	3707.91	6.344D 07	4422.28	7.262D 07
918.03	2.409D 05	1194.99	3.167D 08	3017.20	9.429D 07	3710.56	6.063D 07	4586.15	6.490D 07
919.35	2.528D 05	1208.45	5.038D 07	3121.75	8.782D 07	3711.97	6.001D 07	4762.63	5.742D 07
919.63	2.552D 05	1215.67	3.609D 06	3121.76	8.782D 07	3713.69	6.135D 07	4861.32	2.678D 07
920.16	2.578D 05	1216.42	3.624D 06	3169.76	8.507D 07	3716.95	6.379D 07	4892.89	5.125D 07
920.68	2.632D 05	1217.83	5.971D 06	3264.93	7.996D 07	3720.21	5.881D 07	4953.86	5.061D 07
920.96	2.654D 05	1219.25	1.044D 07	3365.99	7.494D 07	3721.94	5.666D 07	5016.38	4.871D 07
921.34	2.678D 05	1220.00	1.421D 07	3421.97	7.234D 07	3724.08	6.035D 07	5050.00	4.768D 07
922.06	2.704D 05	1223.41	6.316D 07	3421.87	7.236D 07	3728.14	6.573D 07	5123.58	4.551D 07
922.77	2.768D 05	1229.92	2.286D 07	3458.74	7.070D 07	3732.22	5.827D 07	5269.12	4.156D 07
923.15	2.793D 05	1236.50	3.231D 08	3530.87	6.760D 07	3734.37	5.327D 07	5423.16	3.783D 07
923.68	2.822D 05	1240.00	3.529D 08	3606.08	6.456D 07	3737.09	6.077D 07	5508.11	3.595D 07
924.69	2.919D 05	1249.96	3.957D 08	3647.05	6.297D 07	3742.24	6.948D 07	5665.32	3.278D 07
925.69	2.948D 05	1269.29	4.194D 08	3679.74	6.050D 07	3747.42	5.822D 07	5989.38	2.730D 07
926.22	2.983D 05	1289.23	4.230D 08	3649.67	6.036D 07	3750.15	4.876D 07	6352.76	2.244D 07
927.00	3.027D 05	1300.00	4.220D 08	3654.64	6.053D 07	3753.67	6.186D 07	6562.80	1.269D 07
928.48	3.177D 05	1316.23	4.199D 08	3659.62	6.125D 07	3760.36	7.557D 07	6797.77	1.789D 07
930.75	3.217D 05	1348.15	4.105D 08	3662.26	6.184D 07	3767.08	6.125D 07	7292.74	1.412D 07
931.96	3.383D 05	1400.00	3.905D 08	3670.98	6.450D 07	3775.31	6.632D 07	7865.45	1.092D 07
934.26	4.296D 05	1419.35	3.864D 08	3676.71	6.668D 07	3784.22	8.328D 07	8205.87	9.446D 06
936.58	3.786D 05	1457.53	3.712D 08	3679.74	6.668D 07	3793.16	6.554D 07	8862.47	8.121D 06
937.80	3.673D 05	1497.83	3.549D 08	3680.27	6.674D 07	3797.90	4.381D 07	10448.64	4.487D 06
939.84	4.774D 05	1520.00	3.464D 08	3681.28	6.686D 07	3804.32	7.234D 07	12726.36	2.182D 06
943.74	7.082D 05	1545.12	3.395D 08	3682.28	6.695D 07	3816.55	9.125D 07	14380.00	1.389D 06
947.66	5.642D 05	1595.10	3.210D 08	3682.81	6.700D 07	3828.85	7.376D 07	15890.88	9.867D 05
949.74	4.242D 05	1648.41	3.025D 08	3683.50	6.702D 07	3835.38	4.291D 07	19843.04	4.257D 05
953.60	9.385D 05	1678.00	2.932D 08	3684.82	6.703D 07	3844.54	8.206D 07	26411.82	1.439D 05
961.00	1.949D 06	1723.39	2.804D 08	3686.13	6.693D 07	3862.03	9.724D 07	32000.00	6.845D 04
968.52	1.544D 06	1816.53	2.537D 08	3686.83	6.693D 07	3875.67	8.125D 07	34121.04	5.333D 04
972.54	5.845D 05	1920.32	2.299D 08	3587.94	6.683D 07	3889.05	4.152D 07	39024.39	3.159D 04
981.32	6.056D 06	1980.00	2.172D 08	3689.19	6.669D 07	3902.90	8.920D 07	45573.51	1.721D 04
998.42	3.979D 07	1991.74	2.145D 08	3690.73	6.615D 07	3929.14	9.903D 07	50000.00	1.196D 04
1016.12	1.745D 07	2014.39	2.099D 08	3691.55	6.608D 07	3953.84	8.857D 07	54724.75	8.387D 03
1025.72	9.051D 05	2037.56	2.053D 08	3692.52	6.583D 07	3970.07	4.076D 07	66666.67	3.852D 03
1037.82	4.761D 07	2050.00	2.030D 08	3694.35	6.568D 07	3992.20	9.286D 07	85275.25	1.456D 03

TEFF = 14900.0 LOG(G) = 4.50 X = 0.66667 Y = 0.33333

I	TAU	TF	PG	PF	RHQ	KAPZ	OF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	8.7650 03	1.1760-03	5.5730-04	1.1400-15	2.6880-01	-8.2750-02	4.0840 02	1.0000 00	1.1170-01	2.5030-20
3	1.0000-07	8.7270 03	1.1860-02	5.5850-03	1.1610-14	2.6580-01	-8.2750-02	4.0710 02	9.9980-01	1.1110-02	1.9640-22
5	1.0000-06	8.8150 03	1.1820-01	5.5610-02	1.1480-13	2.6900-01	-8.2760-02	4.1080 02	9.9880-01	1.5360-03	5.2780-24
7	1.0000-05	9.3480 03	1.1220 00	5.2670-01	1.0280-12	2.9570-01	-8.2480-02	-2.2050 02	9.9580-01	1.1890-03	2.9670-23
9	1.0000-04	9.7230 03	8.5310 00	3.9850 00	7.5580-12	4.6460-01	-8.1530-02	-1.1510 01	9.8580-01	5.6280-04	2.7660-23
11	1.0000-03	9.8210 03	4.2950 01	1.9560 01	3.8320-11	1.1730 00	-1.7250-01	-5.1970 00	9.4510-01	1.5790-04	3.1100-24
13	1.3590-03	9.8260 03	5.1820 01	2.3520 01	4.6540-11	1.3450 00	-2.9720-01	-4.6910 00	9.3530-01	1.3340-04	2.2590-24
15	1.8480-03	9.8550 03	6.2450 01	2.8210 01	5.6150-11	1.5360 00	-3.5360-01	-3.8990 00	9.2710-01	1.2180-04	2.0820-24
17	2.5120-03	9.9130 03	7.5100 01	3.3820 01	6.7300-11	1.7490 00	-2.8800-01	-3.8830 00	9.2190-01	1.2170-04	2.5480-24
19	3.4150-03	9.9970 03	9.0200 01	4.0580 01	8.0220-11	1.9880 00	-1.2990-01	-2.3580 00	9.2010-01	1.3270-04	4.0850-24
21	4.6420-03	1.0110 04	1.0830 02	4.8740 01	9.5190-11	2.2540 00	-1.6590-01	-1.4930 00	9.2110-01	1.5450-04	8.0390-24
23	6.3100-03	1.0220 04	1.2990 02	5.8520 01	1.1280-10	2.5590 00	-1.1610 00	-1.1610 00	9.2250-01	1.8210-04	1.6470-23
25	8.5770-03	1.0350 04	1.5580 02	7.0280 01	1.3350-10	2.9050 00	-1.1270 00	-9.8740-01	9.2490-01	2.1970-04	3.6180-23
27	1.1660-02	1.0480 04	1.8670 02	8.4380 01	1.5780-10	3.2990 00	-1.1800-01	-9.7000-01	9.2770-01	2.6780-04	8.2150-23
29	1.5950-02	1.0620 04	2.2370 02	1.0130 02	1.8630-10	3.7480 00	-1.5390-02	-1.0600 00	9.3050-01	3.2660-04	1.8640-22
31	2.1540-02	1.0760 04	2.6790 02	1.2150 02	2.1980-10	4.2540 00	-7.3490-02	-9.0240-01	9.3390-01	4.0590-04	4.4900-22
33	2.9290-02	1.0910 04	3.2070 02	1.4570 02	2.5920-10	4.8320 00	-6.5730-02	-1.0280 00	9.3690-01	5.0130-04	1.0580-21
35	3.9810-02	1.1070 04	3.8390 02	1.7480 02	3.0530-10	5.4840 00	-5.8960-02	-9.4040-01	9.4040-01	6.2960-04	2.6290-21
37	5.4120-02	1.1250 04	4.5970 02	2.0980 02	3.5910-10	6.2080 00	-4.7360-02	-8.1680-01	9.4470-01	8.1710-04	7.2260-21
39	7.3560-02	1.1440 04	5.5040 02	2.5190 02	4.2180-10	7.0110 00	-5.0350-02	-7.2310-01	9.4940-01	1.0840-03	2.1280-20
41	1.0000-01	1.1650 04	6.5970 02	3.0290 02	4.9480-10	7.8960 00	-5.1680-02	-2.2060-01	9.5490-01	1.5030-03	7.1880-20
43	1.2590-01	1.1840 04	7.5630 02	3.4820 02	5.5740-10	8.6060 00	-1.0400-01	-5.5240-01	9.5930-01	1.9790-03	1.9690-19
45	1.5850-01	1.2040 04	8.6810 02	4.0070 02	6.2740-10	9.3440 00	-1.1360-01	-1.0770 00	9.6410-01	2.7060-03	6.0620-19
47	1.9950-01	1.2270 04	9.9770 02	4.6180 02	7.0510-10	1.0110 01	-1.5940-01	-1.6700 00	9.6890-01	3.8120-03	2.0520-18
49	2.5120-01	1.2520 04	1.1480 03	5.3300 02	7.9450-10	1.0910 01	-3.5720-02	-1.8790 00	9.7350-01	5.5350-03	7.6390-18
51	3.1620-01	1.2790 04	1.3250 03	6.1610 02	8.9530-10	1.1730 01	-1.1050-01	-1.9710 00	9.7710-01	8.1980-03	3.0310-17
53	3.9810-01	1.3090 04	1.5320 03	7.1370 02	1.0090-09	1.2580 01	-2.4440-01	-1.5150 00	9.8030-01	1.2450-02	1.3070-16
55	5.0120-01	1.3420 04	1.7750 03	8.2880 02	1.1390-09	1.3460 01	-2.7700-01	-6.9560-01	9.8340-01	1.9320-02	6.0460-16
57	6.3100-01	1.3780 04	2.0610 03	9.6470 02	1.2860-09	1.4380 01	-8.4350-02	-1.0830-01	9.8630-01	3.0480-02	2.9790-15
59	7.9430-01	1.4160 04	2.3980 03	1.1250 03	1.4530-09	1.5370 01	-1.9980-01	-2.0400-01	9.8870-01	4.8050-02	7.4930-14
61	1.0000 00	1.4570 04	2.7960 03	1.3160 03	1.6420-09	1.6430 01	-2.3790-01	-1.0900-01	9.9070-01	7.5440-02	1.4870-14
63	1.2590 00	1.4970 04	3.2630 03	1.5410 03	1.8610-09	1.7720 01	-1.4330-01	-1.0150 00	9.9210-01	1.1080-01	3.1330-13
65	1.5850 00	1.5400 04	3.8090 03	1.8050 03	2.1030-09	1.9070 01	-2.4130-01	-3.4300-01	9.9350-01	1.6300-01	1.3800-12
67	1.9950 00	1.5880 04	4.4480 03	2.1200 03	2.3700-09	2.0480 01	-1.0680-01	-5.4830-01	9.9470-01	2.3870-01	6.4140-12
69	2.5120 00	1.6400 04	5.1960 03	2.4940 03	2.8640-09	2.2000 01	-6.5380-02	-1.3900 00	9.9570-01	3.3820-01	2.9600-11
71	3.1620 00	1.6930 04	6.0730 03	2.9350 03	2.9950-09	2.3710 01	-2.7320-01	-1.4490 00	9.9640-01	4.4800-01	1.2180-10
73	3.9810 00	1.7450 04	7.0950 03	3.4500 03	3.3750-09	2.5620 01	-4.9390-01	-1.1400 00	9.9650-01	5.4760-01	4.1500-10
75	5.0120 00	1.7980 04	8.2860 03	4.0520 03	3.8070-09	2.7730 01	-9.7060-03	-3.5430 00	9.9670-01	6.3830-01	1.2740-09
77	6.3100 00	1.8570 04	9.6780 03	4.7580 03	4.2810-09	2.9740 01	-4.9210-01	-5.3960-01	9.9690-01	7.2870-01	4.1640-09
79	7.9430 00	1.9190 04	1.1310 04	5.5860 03	4.8230-09	3.1850 01	-2.0730-01	-1.2970 00	9.9710-01	8.0150-01	1.2650-08
81	1.0000 01	1.9840 04	1.3240 04	6.5570 03	5.4420-09	3.4050 01	-6.1430-02	-7.3880-01	9.9730-01	8.5740-01	3.6380-08
83	1.2590 01	2.0610 04	1.5520 04	7.7100 03	6.1250-09	3.5900 01	-2.2370-01	-2.2130 00	9.9750-01	9.0560-01	1.1830-07
85	1.5850 01	2.1330 04	1.8230 04	9.0740 03	6.9390-09	3.8260 01	-2.4230-01	-7.4500-01	9.9770-01	9.3440-01	3.2090-07
87	1.9950 01	2.2090 04	2.1430 04	1.0680 04	7.9670-09	4.0720 01	-3.2600-01	-2.5100 00	9.9790-01	9.5430-01	8.4030-07
89	2.5120 01	2.2930 04	2.5230 04	1.2580 04	8.9170-09	4.3150 01	-2.5940-01	-2.3450 00	9.9820-01	9.6880-01	2.2470-06
91	3.1620 01	2.3790 04	2.9740 04	1.4840 04	1.0120-08	4.5820 01	-3.9900-01	-1.0110 00	9.9830-01	9.7830-01	5.7200-06
93	3.9810 01	2.4600 04	3.5120 04	1.7530 04	1.1460-08	4.8090 01	-7.5230-01	-1.4930-01	9.9860-01	9.8570-01	1.6000-05
95	5.0120 01	2.5640 04	4.1550 04	2.0750 04	1.4010-08	5.0690 01	-3.2080-02	-9.5910-01	9.9870-01	9.8940-01	4.1710-05
97	6.3100 01	2.6930 04	4.9220 04	2.4580 04	1.4780-08	5.3450 01	-5.4790-02	-8.6410-01	9.9870-01	9.9170-01	1.0600-04
99	7.9430 01	2.8140 04	5.8400 04	2.9170 04	1.6790-08	5.6160 01	-5.2640-01	-5.6140-01	9.9870-01	9.9350-01	2.7260-04

125

TEFF = 14000.0 LOG(G) = 2.50 X = 1.00000 Y = 0.0												
I	TAU	TE	PG	PE	RHO	KAPZ	DF (%)	D	TE	XH2	XHE2	XHE3
1	1.0000-03	9.2350 03	7.3870-06	3.6930-06	4.8480-18	3.9750-01	-6.2190-02	-3.6240 02		1.0000 00	0.0	0.0
3	1.0000-07	9.2180 03	7.2440-05	3.6220-05	4.7630-17	3.9750-01	-6.2190-02	-3.6190 02		1.0000 00	0.0	0.0
5	1.0000-06	9.2150 03	7.2290-04	3.6150-04	4.7550-16	3.9760-01	-6.2190-02	-3.61280 02		1.0000 00	0.0	0.0
7	1.0000-05	9.7930 03	7.2230-03	3.6110-03	4.9790-15	3.9790-01	-6.2780-02	4.0970 02		9.9990-01	0.0	0.0
9	1.0000-04	9.4590 03	7.1780-02	3.5890-02	4.6060-14	4.0050-01	-6.2190-02	4.2470 02		9.9980-01	0.0	0.0
11	1.0000-03	1.0020 04	6.9340-01	3.4660-01	4.1970-13	4.2120-01	-6.0930-02	-1.8310 02		9.9930-01	0.0	0.0
13	1.3590-03	1.0190 04	9.3150-01	4.6560-01	5.5450-13	4.2740-01	-6.0020-02	-3.4720 02		9.9920-01	0.0	0.0
15	1.8480-03	9.7540 03	1.2480 00	6.2340-01	7.7640-13	4.4430-01	-5.3200-02	4.5470 02		9.9780-01	0.0	0.0
17	2.5120-03	1.0240 04	1.6660 00	8.3250-01	9.8640-13	4.4980-01	-5.5460-02	-3.5290 02		9.9880-01	0.0	0.0
19	3.4150-03	1.0120 04	2.2110 00	1.1040 00	1.3250-12	4.9990-01	-5.0340-02	7.1370 01		9.9810-01	0.0	0.0
21	4.6420-03	1.0190 04	2.9190 00	1.4580 00	1.7380-12	4.9060-01	-3.7820-02	1.0610 00		9.9770-01	0.0	0.0
23	6.3100-03	1.0820 04	3.8220 00	1.9080 00	2.2710-12	5.1840-01	-3.1710-02	1.0480 00		9.9710-01	0.0	0.0
25	8.5770-03	1.0250 04	4.9600 00	2.4760 00	2.9390-12	5.5250-01	-4.2590-02	9.7950-01		9.9650-01	0.0	0.0
27	1.1660-02	1.0290 04	6.3780 00	3.1820 00	3.7660-12	5.9360-01	-4.9940-02	8.5010-01		9.9580-01	0.0	0.0
29	1.5850-02	1.0340 04	8.1250 00	4.0530 00	4.7720-12	6.4200-01	-5.4340-02	6.4140-01		9.9510-01	0.0	0.0
31	2.1540-02	1.0420 04	1.0250 01	5.1130 00	5.9780-12	6.9720-01	-5.3190-02	3.4950-01		9.9460-01	0.0	0.0
33	2.9290-02	1.0530 04	1.2840 01	6.4020 00	7.4090-12	7.5860-01	-5.8460-02	2.9470-02		9.9440-01	0.0	0.0
35	3.9810-02	1.0670 04	1.5970 01	7.9650 00	9.0970-12	8.2540-01	-5.5460-02	-2.5890-01		9.9440-01	0.0	0.0
37	5.4120-02	1.0850 04	1.9770 01	9.8610 00	1.1080-11	8.9690-01	-6.4810-02	-3.8160-01		9.9470-01	0.0	0.0
39	7.3560-02	1.1050 04	2.4410 01	1.2180 01	1.3420-11	9.7350-01	-6.4570-02	-3.9670-01		9.9520-01	0.0	0.0
41	1.0700-01	1.1290 04	3.0080 01	1.5010 01	1.6180-11	1.0550 00	-6.7320-02	4.6040-01		9.9580-01	0.0	0.0
43	1.2590-01	1.1490 04	3.5170 01	1.7550 01	1.8590-11	1.1190 00	-5.7980-02	6.2060-01		9.9630-01	0.0	0.0
45	1.5850-01	1.1720 04	4.1140 01	2.0540 01	2.1310-11	1.1850 00	-6.2400-02	-6.4840-01		9.9680-01	0.0	0.0
47	1.9950-01	1.1970 04	4.8170 01	2.4050 01	2.4430-11	1.2540 00	-6.5100-02	-5.7440-01		9.9730-01	0.0	0.0
49	2.5120-01	1.2240 04	5.6470 01	2.8210 01	2.7990-11	1.3240 00	-8.4260-02	-6.7210-01		9.9780-01	0.0	0.0
51	3.1520-01	1.2550 04	6.6360 01	3.3190 01	3.2090-11	1.3970 00	-1.0320-01	4.5760-01		9.9820-01	0.0	0.0
53	3.9810-01	1.2880 04	7.6100 01	3.9020 01	3.6780-11	1.4730 00	-8.7230-02	6.7550-01		9.9840-01	0.0	0.0
55	5.0120-01	1.3240 04	9.2160 01	4.6050 01	4.2210-11	1.5520 00	-5.3070-02	-3.3080-02		9.9860-01	0.0	0.0
57	6.3100-01	1.3610 04	1.0900 02	5.4460 01	4.8580-11	1.6420 00	5.2850-02	3.6830 00		9.9880-01	0.0	0.0
59	7.9430-01	1.4050 04	1.2920 02	6.4570 01	5.5780-11	1.7230 00	-4.0020-02	9.3430-03		9.9900-01	0.0	0.0
61	1.0000 00	1.4500 04	1.5350 02	7.6730 01	6.4210-11	1.8170 00	-1.5880-01	-8.6010-01		9.9920-01	0.0	0.0
63	1.2590 00	1.4980 04	1.8280 02	9.1390 01	7.4010-11	1.9170 00	-1.5830-01	-5.2100-01		9.9930-01	0.0	0.0
65	1.5850 00	1.5480 04	2.1810 02	1.0900 02	8.5400-11	2.0260 00	-1.8040-01	-4.2900-01		9.9940-01	0.0	0.0
67	1.9950 00	1.6020 04	2.6030 02	1.3010 02	9.8530-11	2.1410 00	-2.0570-02	5.2250-01		9.9950-01	0.0	0.0
69	2.5120 00	1.6570 04	3.1100 02	1.5550 02	1.1380-10	2.2700 00	2.0280-01	5.9860-01		9.9960-01	0.0	0.0
71	3.1620 00	1.7140 04	3.7150 02	1.8570 02	1.3140-10	2.4070 00	-1.4200-01	5.1350-01		9.9960-01	0.0	0.0
73	3.9810 00	1.7780 04	4.4400 02	2.2200 02	1.5140-10	2.5430 00	-5.0980-01	1.6910-01		9.9960-01	0.0	0.0
75	5.0120 00	1.8440 04	5.3100 02	2.6540 02	1.7450-10	2.6920 00	9.3790-03	-1.1680-01		9.9960-01	0.0	0.0
77	6.3100 00	1.9100 04	6.3460 02	3.1720 02	2.0140-10	2.8660 00	2.7530-01	-4.4590-01		9.9960-01	0.0	0.0
79	7.9430 00	1.9800 04	7.5760 02	3.7880 02	2.3190-10	3.0410 00	-3.4300-02	-2.8300-01		9.9960-01	0.0	0.0
81	1.0000 01	2.0560 04	9.0380 02	4.5180 02	2.6650-10	3.2200 00	-1.2220-01	6.5900-02		9.9970-01	0.0	0.0
83	1.2590 01	2.1380 04	1.0780 03	5.3890 02	3.0560-10	3.3970 00	-3.5940-01	2.8720-02		9.9970-01	0.0	0.0
85	1.5850 01	2.2260 04	1.2860 03	6.4280 02	3.5020-10	3.5840 00	-2.6880-01	1.4450 00		9.9970-01	0.0	0.0
87	1.9950 01	2.3150 04	1.5340 03	7.6670 02	4.0160-10	3.7920 00	5.1590-01	6.3080-01		9.9970-01	0.0	0.0
89	2.5120 01	2.4030 04	1.8280 03	9.1400 02	4.6130-10	4.0360 00	3.2590-01	-1.1330 00		9.9970-01	0.0	0.0
91	3.1620 01	2.5040 04	2.1740 03	1.0870 03	5.2640-10	4.2480 00	-2.0540-01	-5.0830-01		9.9970-01	0.0	0.0
93	3.9810 01	2.6230 04	2.5840 03	1.2920 03	5.9710-10	4.4150 00	-2.6240-02	-3.9580-01		9.9970-01	0.0	0.0
95	5.0120 01	2.7460 04	3.0740 03	1.5370 03	6.7850-10	4.6030 00	7.1880-02	2.4370-01		9.9970-01	0.0	0.0
97	6.3100 01	2.9750 04	3.6620 03	1.8310 03	7.7200-10	4.8130 00	2.2360-01	3.8920-02		9.9970-01	0.0	0.0
99	7.9430 01	3.0130 04	4.3600 03	2.1800 03	8.7730-10	5.0540 00	7.8110-02	8.3220-03		9.9980-01	0.0	0.0



TEFF = 14000.0		LOG(G) =		X =		Y =		0.0	
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	8.171D 00	1061.56	3.221D 08	2050.00	2.036D 03	3696.18	6.049D 07	4034.83	8.883D 07
546.43	3.422D 01	1086.41	3.458D 08	2127.72	1.910D 03	3697.15	6.080D 07	4078.38	8.575D 07
649.39	9.036D 02	1100.00	3.539D 08	2292.47	1.668D 08	3698.31	6.196D 07	4101.73	4.718D 07
800.11	1.972D 04	1112.26	3.591D 08	2484.88	1.431D 03	3700.50	6.982D 07	4141.06	8.246D 07
911.76	9.596D 04	1136.26	3.563D 08	2600.00	1.430D 03	3702.69	5.983D 07	4217.72	7.833D 07
958.60	9.586D 04	1161.33	3.698D 08	2600.00	1.309D 03	3703.85	5.857D 07	4297.27	7.407D 07
913.07	2.942D 05	1175.00	3.697D 08	2677.27	1.234D 03	3705.25	6.236D 07	4340.46	4.222D 07
915.54	3.519D 05	1181.83	3.682D 08	2837.09	1.098D 08	3707.91	7.337D 07	4422.28	6.811D 07
918.03	3.910D 05	1194.99	3.610D 08	3017.20	9.659D 07	3710.55	6.144D 07	4586.15	6.110D 07
919.35	4.136D 05	1208.45	2.778D 08	3121.75	8.985D 07	3711.97	5.710D 07	4762.63	5.445D 07
919.63	4.185D 05	1215.67	7.154D 06	3121.76	8.985D 07	3713.69	6.478D 07	4861.32	3.112D 07
920.16	4.237D 05	1216.42	7.179D 06	3169.76	8.698D 07	3716.95	7.862D 07	4892.89	4.998D 07
920.68	4.363D 05	1217.83	3.064D 07	3264.93	8.164D 07	3720.21	6.374D 07	4953.86	4.825D 07
920.96	4.425D 05	1219.25	1.167D 08	3365.99	7.640D 07	3721.94	5.509D 07	5016.38	4.643D 07
921.34	4.486D 05	1220.00	1.648D 08	3421.37	7.372D 07	3724.08	6.802D 07	5050.00	4.549D 07
922.06	4.541D 05	1223.41	2.897D 08	3421.37	7.372D 07	3728.14	8.470D 07	5123.58	4.350D 07
922.77	4.704D 05	1229.92	3.468D 08	3458.74	7.203D 07	3732.22	6.871D 07	5269.12	3.985D 07
923.15	4.775D 05	1236.50	3.599D 08	3530.87	6.883D 07	3734.37	5.453D 07	5423.16	3.640D 07
923.63	4.858D 05	1240.00	3.628D 08	3606.08	6.568D 07	3737.09	7.412D 07	5508.11	3.465D 07
924.69	5.186D 05	1249.96	3.660D 08	3647.05	6.405D 07	3742.24	9.058D 07	5665.32	3.169D 07
925.69	5.244D 05	1269.29	3.662D 08	3647.05	6.137D 07	3747.42	7.430D 07	5989.38	2.650D 07
926.22	5.345D 05	1289.23	3.643D 08	3649.67	6.134D 07	3750.15	5.355D 07	6352.76	2.188D 07
927.00	5.469D 05	1300.00	3.629D 08	3654.24	6.294D 07	3753.67	8.029D 07	6562.80	1.403D 07
928.48	6.534D 05	1316.23	3.602D 08	3659.62	6.662D 07	3766.35	9.564D 07	6797.77	1.752D 07
929.96	5.911D 05	1348.15	3.546D 08	3662.26	6.895D 07	3767.08	8.189D 07	7292.74	1.387D 07
930.75	6.030D 05	1381.65	3.481D 08	3665.27	7.069D 07	3770.63	5.380D 07	7865.45	1.075D 07
931.96	6.633D 05	1400.00	3.442D 08	3670.98	6.993D 07	3775.31	8.785D 07	8205.87	9.310D 06
934.26	1.055D 06	1419.35	3.396D 08	3676.71	6.669D 07	3784.22	9.901D 07	8205.87	9.299D 06
936.58	8.083D 05	1457.53	3.311D 08	3679.74	6.546D 07	3793.16	8.771D 07	8862.47	7.859D 06
937.80	7.452D 05	1497.83	3.217D 08	3680.27	6.507D 07	3797.90	5.326D 07	10448.64	4.383D 06
939.84	1.262D 06	1520.00	3.165D 08	3681.28	6.483D 07	3804.32	9.285D 07	12726.36	2.145D 06
943.74	3.640D 06	1545.12	3.101D 08	3682.28	6.431D 07	3816.55	1.002D 08	14380.00	1.369D 06
947.66	1.766D 06	1595.10	2.983D 08	3682.91	6.442D 07	3828.85	9.308D 07	15890.88	9.703D 05
949.74	8.844D 05	1648.41	2.857D 08	3683.50	6.425D 07	3835.38	5.355D 07	19843.04	4.204D 05
953.60	7.562D 06	1678.00	2.788D 08	3684.82	6.478D 07	3844.54	9.617D 07	26411.82	1.426D 05
961.00	4.001D 07	1723.39	2.681D 08	3686.13	6.320D 07	3862.03	9.898D 07	32000.00	6.803D 04
968.52	2.855D 07	1816.53	2.477D 08	3686.83	6.347D 07	3875.67	9.431D 07	34121.04	5.307D 04
972.54	1.359D 06	1920.32	2.272D 08	3687.64	6.334D 07	3889.05	5.220D 07	39024.39	3.153D 04
981.32	1.085D 08	1980.00	2.161D 08	3689.19	6.529D 07	3902.80	9.526D 07	45573.51	1.723D 04
998.42	1.945D 08	1991.74	2.138D 08	3690.73	6.165D 07	3925.14	9.535D 07	50000.00	1.200D 04
1016.12	1.882D 08	2014.39	2.098D 08	3691.55	6.195D 07	3955.84	9.232D 07	54724.75	8.432D 03
1025.72	1.879D 06	2037.56	2.057D 08	3692.52	6.168D 07	3970.07	5.118D 07	66566.67	3.890D 03
1037.82	2.466D 08	2050.00	2.036D 08	3694.35	6.666D 07	3992.20	9.099D 07	85275.25	1.477D 03

TEFF = 14000.0 LOG(G) = 3.00 X = 1.00000 Y = 0.0											
I	TAJ	TE	PG	PE	RHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	8.7460 03	2.4930-05	1.2470-05	1.7280-17	3.9750-01	-3.7570-02	4.0760 02	1.0000 00	0.0	0.0
3	1.0000-07	9.7350 03	2.4480-04	1.2240-04	1.6980-16	3.9750-01	-3.7570-02	4.0710 02	1.0000 00	0.0	0.0
5	1.0000-06	9.7860 03	2.4430-03	1.2210-03	1.6850-15	3.9770-01	-3.7570-02	4.0950 02	1.0000 00	0.0	0.0
7	1.0000-05	9.1230 03	2.4380-02	1.2190-02	1.6200-14	3.9870-01	-3.6990-02	-1.3280 02	9.9980-01	0.0	0.0
9	1.0000-04	9.2690 03	2.4050-01	1.2020-01	1.5730-13	4.0830-01	-3.6760-02	1.2860 02	9.9890-01	0.0	0.0
11	1.0000-03	9.9970 03	2.2030 00	1.1000 00	1.3370-12	4.7300-01	-3.5010-02	-2.1740 02	9.9760-01	0.0	0.0
13	1.3590-03	1.0210 04	2.9110 00	1.4540 00	1.7300-12	4.8980-01	-3.3960-02	-5.3740 02	9.9780-01	0.0	0.0
15	1.8480-03	1.0010 04	3.8220 00	1.9070 00	2.3190-12	5.2760-01	-3.3190-02	1.4220 02	9.9600-01	0.0	0.0
17	2.5120-03	1.0080 04	4.9820 00	2.4850 00	3.0010-12	5.6230-01	-3.3160-02	8.5020 00	9.9540-01	0.0	0.0
19	3.4150-03	1.0100 04	6.4380 00	3.2100 00	3.8750-12	6.0900-01	-3.3970-02	7.4230 00	9.9420-01	0.0	0.0
21	4.6420-03	1.0120 04	8.2430 00	4.1070 00	4.9530-12	6.6550-01	-2.5080-02	5.4870 00	9.9290-01	0.0	0.0
23	6.3100-03	1.0160 04	1.0460 01	5.2060 00	6.2660-12	7.3260-01	-1.3980-02	3.0500 00	9.9150-01	0.0	0.0
25	8.5770-03	1.0230 04	1.3150 01	6.5430 00	7.8480-12	8.1080-01	-1.3220-03	4.1680-01	9.9030-01	0.0	0.0
27	1.1560-02	1.0270 04	1.6410 01	8.1600 00	9.7340-12	9.9990-01	-7.1040-03	-1.9560 00	9.8920-01	0.0	0.0
29	1.5850-02	1.0370 04	2.0340 01	1.0110 01	1.1960-11	9.9950-01	-2.6950-02	-3.6630 00	9.8860-01	0.0	0.0
31	2.1540-02	1.0480 04	2.5080 01	1.2470 01	1.4590-11	1.1090 00	-3.7040-02	-4.4950 00	9.8840-01	0.0	0.0
33	2.9290-02	1.0630 04	3.0320 01	1.5320 01	1.7680-11	1.2300 00	-5.2010-02	-5.0250 00	9.8870-01	0.0	0.0
35	3.9810-02	1.0790 04	3.7760 01	1.8780 01	2.1320-11	1.3620 00	-7.0200-02	-5.0980 00	9.8930-01	0.0	0.0
37	5.4120-02	1.0970 04	4.6170 01	2.2970 01	2.5630-11	1.5070 00	-9.7770-02	-4.7080 00	9.9010-01	0.0	0.0
39	7.3560-02	1.1180 04	5.6390 01	2.8070 01	3.0710-11	1.6660 00	-1.2560-01	-4.0760 00	9.9110-01	0.0	0.0
41	1.0000-01	1.1410 04	6.8820 01	3.4280 01	3.6690-11	1.8370 00	-1.5050-01	-2.9400 00	9.9220-01	0.0	0.0
43	1.2590-01	1.1610 04	7.9930 01	3.9830 01	4.1880-11	1.9720 00	-1.5910-01	-2.9020 00	9.9310-01	0.0	0.0
45	1.5950-01	1.1830 04	9.2890 01	4.6310 01	4.7740-11	2.1120 00	-1.6370-01	-1.0740 00	9.9410-01	0.0	0.0
47	1.9950-01	1.2060 04	1.0860 02	5.3890 01	5.4430-11	2.2590 00	-1.7360-01	-3.8250-01	9.9490-01	0.0	0.0
49	2.5120-01	1.2330 04	1.2590 02	6.2810 01	6.2010-11	2.4070 00	-2.0790-01	5.8170-01	9.9580-01	0.0	0.0
51	3.1620-01	1.2620 04	1.4690 02	7.3320 01	7.0700-11	2.5650 00	-1.00940-01	9.0430-01	9.9650-01	0.0	0.0
53	3.9810-01	1.2930 04	1.7180 02	8.5750 01	8.0620-11	2.7250 00	-7.44200-02	1.1630 00	9.9700-01	0.0	0.0
55	5.0120-01	1.3270 04	2.0130 02	1.0050 02	9.2010-11	2.8930 00	-3.0370-02	6.3190-01	9.9740-01	0.0	0.0
57	6.3100-01	1.3650 04	2.3630 02	1.1800 02	1.0510-10	3.0650 00	-6.8870-02	2.2880-01	9.9770-01	0.0	0.0
59	7.9430-01	1.4050 04	2.7820 02	1.3890 02	1.2010-10	3.2500 00	-2.5380-01	-2.2600-01	9.9810-01	0.0	0.0
61	1.0000 00	1.4480 04	3.2810 02	1.6390 02	1.3740-10	3.4440 00	-2.3140-01	8.6570-02	9.9840-01	0.0	0.0
63	1.2590 00	1.4910 04	3.8750 02	1.9360 02	1.5760-10	3.6680 00	1.5230-01	1.8500 00	9.9860-01	0.0	0.0
65	1.5850 00	1.5370 04	4.5790 02	2.2880 02	1.8070-10	3.9000 00	2.3540-01	1.8220 00	9.9880-01	0.0	0.0
67	1.9950 00	1.5870 04	5.4170 02	2.7070 02	2.0700-10	4.1380 00	1.6100-01	4.2110-01	9.9900-01	0.0	0.0
69	2.5120 00	1.6410 04	6.4170 02	3.2070 02	2.3720-10	4.3850 00	-2.5960-03	-1.8740 00	9.9920-01	0.0	0.0
71	3.1620 00	1.6970 04	7.6130 02	3.8050 02	2.7190-10	4.6520 00	-4.7670-01	-2.3990 00	9.9930-01	0.0	0.0
73	3.9810 00	1.7530 04	9.0340 02	4.5150 02	3.1230-10	4.9600 00	-5.7750-01	8.2790-01	9.9930-01	0.0	0.0
75	5.0120 00	1.8100 04	1.0710 03	5.3560 02	3.5890-10	5.3090 00	2.7990-01	3.5680 00	9.9930-01	0.0	0.0
77	6.3100 00	1.8710 04	1.2700 03	6.3490 02	4.1150-10	5.6560 00	5.8800-01	-4.2990-01	9.9940-01	0.0	0.0
79	7.9430 00	1.9370 04	1.5050 03	7.5240 02	4.7120-10	6.0180 00	1.8520-02	-2.0560 00	9.9940-01	0.0	0.0
81	1.0000 01	2.0050 04	1.7840 03	8.9180 02	5.3930-10	6.4030 00	-1.3040-01	-6.6490-01	9.9940-01	0.0	0.0
83	1.2590 01	2.0850 04	2.1160 03	1.0580 03	6.1530-10	6.7500 00	-2.5990-01	3.1640 00	9.9940-01	0.0	0.0
85	1.5850 01	2.1600 04	2.5100 03	1.2550 03	7.0450-10	7.1900 00	-3.3170-01	5.0230-01	9.9950-01	0.0	0.0
87	1.9950 01	2.2390 04	2.9770 03	1.4880 03	8.0610-10	7.6630 00	3.8280-01	2.7410 00	9.9950-01	0.0	0.0
89	2.5120 01	2.3250 04	3.5280 03	1.7640 03	9.1990-10	8.1210 00	4.5630-01	-2.4460 00	9.9950-01	0.0	0.0
91	3.1620 01	2.4150 04	4.1830 03	2.0910 03	1.0500-09	8.6190 00	-1.7390-01	1.7980 00	9.9950-01	0.0	0.0
93	3.9810 01	2.5210 04	4.9580 03	2.4790 03	1.1920-09	9.0320 00	1.7150-01	-5.0420-01	9.9960-01	0.0	0.0
95	5.0120 01	2.6310 04	5.8850 03	2.9420 03	1.3560-09	9.4900 00	-1.8190-01	7.3360-01	9.9960-01	0.0	0.0
97	6.3100 01	2.7480 04	6.9930 03	3.4960 03	1.5430-09	9.9740 00	-3.4530-02	1.6410 00	9.9960-01	0.0	0.0
99	7.9430 01	2.8740 04	8.3130 03	4.1560 03	1.7540-09	1.0460 01	4.8460-01	-7.0550-01	9.9960-01	0.0	0.0

TFFE = 14000.0 LOG(G) = 3.00 X = 1.00000 Y = 0.0									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	4.8940 00	1061.56	3.2020 08	2050.00	2.0000 03	3696.18	5.9630 07	4034.83	9.1770 07
546.43	2.8700 01	1086.41	3.6260 08	2127.72	1.8690 05	3697.15	5.9900 07	4078.38	8.7910 07
649.38	7.3600 02	1100.00	3.7630 08	2292.47	1.6250 08	3698.31	6.0480 07	4101.73	4.3180 07
800.11	1.7430 04	1112.26	3.8600 08	2484.88	1.3890 08	3700.50	6.4390 07	4141.06	8.4990 07
911.76	8.8090 04	1136.26	3.9690 08	2600.00	1.2710 08	3702.69	5.8490 07	4217.72	8.0780 07
911.76	8.7950 04	1161.33	4.0060 08	2600.00	1.2710 05	3703.85	5.7880 07	4297.27	7.6130 07
913.07	2.3230 05	1175.00	3.9840 08	2677.27	1.1990 08	3705.25	6.0160 07	4340.46	3.8870 07
915.54	2.6910 05	1181.83	3.9670 08	2837.09	1.0660 08	3707.91	6.6900 07	4422.28	6.9950 07
918.03	3.1160 05	1194.99	3.7660 08	3017.20	9.3820 07	3710.56	5.8490 07	4586.15	6.2590 07
919.35	3.3340 05	1208.45	2.0570 08	3121.75	8.7340 07	3711.97	5.5780 07	4762.63	5.5630 07
919.63	3.3640 05	1215.67	5.2160 06	3121.76	8.7340 07	3713.69	6.0990 07	4861.52	2.9200 07
920.16	3.3630 05	1216.42	5.2340 06	3169.76	8.4590 07	3716.95	7.0890 07	4892.89	5.0780 07
920.69	3.4760 05	1217.83	1.2060 07	3264.93	7.9480 07	3720.21	5.9000 07	4953.86	4.9170 07
920.90	3.5350 05	1219.25	4.3610 07	3365.99	7.4490 07	3721.94	5.2790 07	5016.38	4.7290 07
921.34	3.5740 05	1220.00	7.4390 07	3421.87	7.1890 07	3724.08	6.2380 07	5050.00	4.6300 07
922.06	3.6980 05	1223.41	2.2560 08	3421.87	7.1890 07	3728.14	7.6450 07	5123.58	4.4230 07
922.77	3.6900 05	1229.92	3.4320 08	3458.74	7.0240 07	3732.22	6.2130 07	5269.12	4.0450 07
923.15	3.7480 05	1236.50	3.7600 08	3530.87	6.7140 07	3734.37	5.1230 07	5423.16	3.6880 07
923.68	3.8180 05	1240.00	3.8360 08	3606.08	6.4100 07	3737.09	6.6640 07	5508.11	3.5080 07
924.69	4.0200 05	1249.96	3.9280 08	3647.05	6.2520 07	3742.24	8.3180 07	5665.32	3.2030 07
925.69	4.0620 05	1269.29	3.9530 08	3647.05	5.9930 07	3747.42	6.6120 07	5989.38	2.6730 07
926.22	4.1190 05	1289.23	3.9270 08	3649.07	5.9850 07	3750.15	4.9490 07	6352.76	2.2030 07
927.00	4.1980 05	1300.00	3.9050 08	3654.64	6.0750 07	3753.67	7.1900 07	6562.80	1.3480 07
928.48	4.8130 05	1316.23	3.8730 08	3659.62	6.3040 07	3760.36	9.0070 07	6797.77	1.7600 07
929.96	4.4960 05	1348.15	3.7880 08	3662.26	6.4670 07	3767.08	7.3330 07	7292.74	1.3910 07
930.75	4.5740 05	1381.85	3.6880 08	3665.27	6.6540 07	3770.63	4.9120 07	7865.45	1.0770 07
931.96	4.9070 05	1400.00	3.6310 08	3670.98	6.8610 07	3775.31	8.0160 07	8205.87	9.3210 06
934.26	6.7350 05	1419.35	3.5850 08	3676.71	6.7480 07	3784.22	9.6080 07	8205.87	9.4250 06
936.58	5.7280 05	1457.83	3.4650 08	3679.74	6.6120 07	3793.16	8.0270 07	8862.47	7.9580 06
937.80	5.4330 05	1497.83	3.3380 08	3680.27	6.5730 07	3797.90	4.8270 07	10448.64	4.4150 06
939.94	7.7760 05	1520.00	3.2700 08	3681.28	6.5230 07	3804.32	8.7240 07	12726.36	2.1530 06
943.74	1.3300 06	1545.12	3.2020 08	3682.28	6.4740 07	3816.55	9.9920 07	14380.00	1.3720 06
947.66	9.7070 05	1595.10	3.0510 08	3682.81	6.4650 07	3828.85	8.8290 07	15890.88	9.7430 05
949.74	6.3710 05	1648.41	2.8980 08	3683.50	6.4330 07	3835.38	4.8300 07	19843.04	4.2110 05
953.60	2.0910 06	1678.00	2.8180 08	3684.82	6.4080 07	3844.54	9.3980 07	26411.82	1.4260 05
961.00	1.1050 07	1723.39	2.7000 08	3686.13	6.3080 07	3862.03	1.0080 08	32000.00	6.7940 04
968.52	6.5930 06	1816.53	2.4680 08	3686.83	6.3120 07	3879.67	9.2490 07	34121.04	5.2970 04
972.54	9.1750 05	1920.32	2.2480 08	3687.64	6.2850 07	3889.05	4.7260 07	39024.39	3.1440 04
981.32	4.8450 07	1980.00	2.1300 08	3689.19	6.3270 07	3902.80	9.5820 07	45573.51	1.7160 04
998.42	1.3830 08	1991.74	2.1050 08	3690.73	6.1190 07	3929.14	9.8160 07	50000.00	1.1940 04
1016.12	1.1370 08	2014.39	2.0630 08	3691.55	6.1360 07	3955.84	9.3400 07	54724.75	8.3890 03
1025.72	1.3500 06	2037.56	2.0210 08	3692.52	6.1160 07	3970.07	4.6490 07	66666.67	3.8630 03
1037.82	1.8860 08	2050.00	2.0000 08	3694.35	6.3330 07	3992.20	9.3310 07	85275.25	1.4640 03

TEFF = 14000.0 LOG(G) = 3.50 X = 1.00000 Y = 0.0											
I	TAJ	TE	PG	PE	RHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	9.177D 03	8.041D-05	4.020D-05	5.310D-17	3.975D-01	-7.530D-02	-4.338D 02	1.000D 00	0.0	0.0
3	1.0003-07	9.171D 03	7.898D-04	3.949D-04	5.219D-16	3.976D-01	-7.530D-02	-4.195D 02	1.000D 00	0.0	0.0
5	1.0003-06	9.203D 03	7.880D-03	3.940D-03	5.190D-15	3.979D-01	-7.530D-02	-4.899D 02	1.000D 00	0.0	0.0
7	1.0003-05	8.744D 03	7.839D-02	3.917D-02	5.437D-14	4.017D-01	-7.576D-02	4.075D 02	9.988D-01	0.0	0.0
9	1.0003-04	9.423D 03	7.558D-01	3.774D-01	4.867D-13	4.296D-01	-7.575D-02	8.297D 01	9.975D-01	0.0	0.0
11	1.0003-03	9.989D 03	6.134D 00	3.057D 00	3.738D-12	6.077D-01	-7.006D-02	4.164D 00	9.932D-01	0.0	0.0
13	1.3593-03	1.005D 04	7.889D 00	3.929D 00	4.777D-12	6.609D-01	-6.500D-02	1.854D 00	9.923D-01	0.0	0.0
15	1.8483-03	1.005D 04	1.006D 01	5.003D 00	6.996D-12	7.323D-01	-5.540D-02	1.833D 00	9.902D-01	0.0	0.0
17	2.5123-03	1.005D 04	1.269D 01	6.307D 00	7.763D-12	8.185D-01	-3.501D-02	1.666D 00	9.878D-01	0.0	0.0
19	3.4153-03	1.006D 04	1.587D 01	7.875D 00	9.634D-12	9.199D-01	-2.455D-02	1.356D 00	9.851D-01	0.0	0.0
21	4.6423-03	1.008D 04	1.968D 01	9.755D 00	1.194D-11	1.037D 00	-1.756D-02	9.499D-01	9.824D-01	0.0	0.0
23	6.3103-03	1.013D 04	2.424D 01	1.200D 01	1.465D-11	1.169D 00	2.212D-02	4.995D-01	9.801D-01	0.0	0.0
25	8.577D-03	1.020D 04	2.972D 01	1.470D 01	1.785D-11	1.317D 00	8.587D-02	5.247D-02	9.784D-01	0.0	0.0
27	1.1663-02	1.030D 04	3.628D 01	1.793D 01	2.159D-11	1.481D 00	2.538D-02	-3.297D-01	9.777D-01	0.0	0.0
29	1.5853-02	1.042D 04	4.416D 01	2.183D 01	2.598D-11	1.660D 00	-6.539D-02	-5.649D-01	9.778D-01	0.0	0.0
31	2.1543-02	1.056D 04	5.367D 01	2.654D 01	3.115D-11	1.861D 00	-7.746D-02	-7.365D-01	9.785D-01	0.0	0.0
33	2.9293-02	1.071D 04	6.511D 01	3.222D 01	3.724D-11	2.086D 00	-7.712D-02	-9.085D-01	9.794D-01	0.0	0.0
35	3.9813-02	1.087D 04	7.891D 01	3.907D 01	4.443D-11	2.337D 00	-7.676D-02	-1.112D 00	9.807D-01	0.0	0.0
37	5.4123-02	1.105D 04	9.557D 01	4.736D 01	5.287D-11	2.611D 00	-9.009D-02	-1.089D 00	9.823D-01	0.0	0.0
39	7.3563-02	1.126D 04	1.157D 02	5.742D 01	6.279D-11	2.910D 00	-8.975D-02	-8.914D-01	9.843D-01	0.0	0.0
41	1.0003-01	1.149D 04	1.403D 02	6.964D 01	7.448D-11	3.235D 00	-6.039D-02	-5.824D-01	9.863D-01	0.0	0.0
43	1.2593-01	1.169D 04	1.621D 02	8.055D 01	8.456D-11	3.491D 00	-5.316D-02	-3.150D-01	9.880D-01	0.0	0.0
45	1.5853-01	1.190D 04	1.875D 02	9.327D 01	9.597D-11	3.759D 00	-5.033D-02	2.167D-01	9.896D-01	0.0	0.0
47	1.9953-01	1.214D 04	2.172D 02	1.081D 02	1.089D-10	4.042D 00	-7.829D-02	3.035D-01	9.911D-01	0.0	0.0
49	2.5123-01	1.239D 04	2.518D 02	1.254D 02	1.236D-10	4.333D 00	-8.039D-02	4.637D-01	9.925D-01	0.0	0.0
51	3.1623-01	1.268D 04	2.926D 02	1.458D 02	1.403D-10	4.631D 00	-1.597D-02	6.291D-01	9.937D-01	0.0	0.0
53	3.9813-01	1.298D 04	3.407D 02	1.699D 02	1.595D-10	4.941D 00	4.548D-02	4.706D-01	9.944D-01	0.0	0.0
55	5.0123-01	1.332D 04	3.975D 02	1.983D 02	1.813D-10	5.260D 00	1.271D-01	4.654D-01	9.952D-01	0.0	0.0
57	6.3103-01	1.368D 04	4.648D 02	2.319D 02	2.063D-10	5.597D 00	6.328D-02	1.203D-01	9.959D-01	0.0	0.0
59	7.9433-01	1.407D 04	5.446D 02	2.718D 02	2.351D-10	5.955D 00	-1.791D-01	-1.516D-01	9.965D-01	0.0	0.0
61	1.0003 00	1.448D 04	6.393D 02	3.192D 02	2.679D-10	6.328D 00	-3.071D-01	-8.457D-02	9.971D-01	0.0	0.0
63	1.2593 00	1.490D 04	7.516D 02	3.754D 02	3.051D-10	6.754D 00	-7.832D-02	1.194D 00	9.976D-01	0.0	0.0
65	1.5853 00	1.534D 04	8.842D 02	4.417D 02	3.497D-10	7.205D 00	7.552D-02	1.690D 00	9.980D-01	0.0	0.0
67	1.9953 00	1.581D 04	1.041D 03	5.202D 02	3.994D-10	7.671D 00	2.542D-01	9.482D-01	9.983D-01	0.0	0.0
69	2.5123 00	1.632D 04	1.228D 03	6.133D 02	4.561D-10	8.155D 00	2.536D-01	-1.051D 00	9.986D-01	0.0	0.0
71	3.1623 00	1.686D 04	1.449D 03	7.240D 02	5.210D-10	8.666D 00	-2.351D-01	-2.232D 00	9.989D-01	0.0	0.0
73	3.9813 00	1.742D 04	1.712D 03	8.553D 02	5.960D-10	9.235D 00	-5.759D-01	-3.931D-01	9.989D-01	0.0	0.0
75	5.0123 00	1.797D 04	2.022D 03	1.010D 03	6.823D-10	9.830D 00	-1.060D-01	2.357D 00	9.989D-01	0.0	0.0
77	6.3103 00	1.855D 04	2.388D 03	1.193D 03	7.805D-10	1.056D 01	3.188D-01	1.233D 00	9.990D-01	0.0	0.0
79	7.9433 00	1.917D 04	2.819D 03	1.409D 03	8.918D-09	1.127D 01	1.392D-01	1.864D-01	9.990D-01	0.0	0.0
81	1.0003 01	1.983D 04	3.329D 03	1.664D 03	1.018D-09	1.202D 01	7.540D-02	-1.661D-01	9.990D-01	0.0	0.0
83	1.2593 01	2.058D 04	3.934D 03	1.966D 03	1.159D-09	1.269D 01	-2.373D-01	-1.803D 00	9.991D-01	0.0	0.0
85	1.5853 01	2.132D 04	4.654D 03	2.326D 03	1.324D-09	1.352D 01	-3.578D-01	8.244D-01	9.991D-01	0.0	0.0
87	1.9953 01	2.206D 04	5.503D 03	2.750D 03	1.512D-09	1.444D 01	4.035D-01	2.291D 00	9.992D-01	0.0	0.0
89	2.5123 01	2.284D 04	6.505D 03	3.251D 03	1.727D-09	1.543D 01	5.335D-01	-1.872D 00	9.992D-01	0.0	0.0
91	3.1623 01	2.370D 04	7.686D 03	3.842D 03	1.966D-09	1.638D 01	-1.561D-01	-1.661D 00	9.993D-01	0.0	0.0
93	3.9813 01	2.474D 04	9.090D 03	4.544D 03	2.227D-09	1.713D 01	-2.020D-02	-4.135D-01	9.994D-01	0.0	0.0
95	5.0123 01	2.580D 04	1.078D 04	5.386D 03	2.532D-09	1.803D 01	1.507D-01	1.164D 00	9.994D-01	0.0	0.0
97	6.3103 01	2.691D 04	1.279D 04	6.392D 03	2.881D-09	1.902D 01	1.457D-01	5.098D-01	9.994D-01	0.0	0.0
99	7.9433 01	2.810D 04	1.519D 04	7.590D 03	3.276D-09	2.002D 01	1.743D-01	-1.228D-02	9.994D-01	0.0	0.0

TEEE = 14000.00 LOG(G) = 3.50 X = 1.00000 Y = 0.0									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	3.9870 00	1061.56	2.9540 08	2050.00	1.9970 08	3696.18	6.0570 07	4034.83	9.3450 07
546.43	2.3820 01	1086.41	3.5840 08	2127.72	1.8640 08	3697.15	6.0690 07	4078.38	8.8510 07
649.38	6.5820 02	1100.00	3.7960 08	2292.47	1.6150 08	3698.31	6.0810 07	4101.73	4.0300 07
870.11	1.6190 04	1112.26	3.9380 08	2484.88	1.3790 08	3700.50	6.2500 07	4141.06	8.6410 07
911.76	8.0540 04	1136.26	4.1100 08	2600.00	1.2610 08	3702.69	5.8860 07	4217.72	8.2440 07
911.76	8.0370 04	1161.33	4.1650 08	2600.00	1.2610 08	3703.85	5.8600 07	4297.27	7.7400 07
913.07	1.8040 05	1175.00	4.1190 08	2677.27	1.1890 08	3705.25	5.9820 07	4340.46	3.6440 07
915.54	2.3320 05	1181.83	4.0620 08	2837.09	1.0560 08	3707.91	6.3620 07	4422.28	7.1210 07
918.03	2.7520 05	1194.99	3.6650 08	3017.20	9.3000 07	3710.56	5.8140 07	4586.15	6.3640 07
919.35	2.9010 05	1208.45	1.2080 08	3121.75	8.6580 07	3711.97	5.6620 07	4762.63	5.6440 07
919.63	2.9220 05	1215.57	4.2050 06	3121.76	8.6580 07	3713.99	5.9880 07	4861.32	2.7720 07
920.16	2.9590 05	1216.42	4.2230 06	3169.76	8.3860 07	3716.95	6.5980 07	4892.89	5.1150 07
920.68	3.0290 05	1217.83	7.6290 06	3264.93	7.8800 07	3720.21	5.7210 07	4953.86	4.9810 07
920.96	3.0560 05	1219.25	1.8390 07	3365.99	7.3840 07	3721.94	5.2950 07	5016.38	4.7900 07
921.34	3.0850 05	1220.00	3.0730 07	3421.87	7.1260 07	3724.08	5.9810 07	5050.00	4.6900 07
922.06	3.1170 05	1223.41	1.4240 08	3421.87	7.1260 07	3728.14	7.0230 07	5123.58	4.8780 07
922.77	3.1920 05	1229.92	3.0710 08	3458.74	6.9620 07	3732.22	5.8610 07	5269.12	4.0920 07
923.15	3.2260 05	1236.50	3.6860 08	3530.87	6.6560 07	3734.37	5.0340 07	5423.16	3.7280 07
923.68	3.2670 05	1240.00	3.8410 08	3606.08	6.3540 07	3737.09	6.2290 07	5508.11	3.5440 07
924.69	3.3940 05	1249.96	4.0460 08	3647.05	6.1980 07	3742.24	7.6160 07	5665.32	3.2340 07
925.69	3.4290 05	1269.29	4.1350 08	3647.05	5.9430 07	3747.42	6.0390 07	5989.38	2.6950 07
926.22	3.4720 05	1289.23	4.1240 08	3649.67	5.9310 07	3750.15	4.7480 07	6352.76	2.2180 07
927.00	3.5260 05	1300.00	4.1030 08	3654.64	5.9810 07	3753.67	6.5790 07	6562.80	1.3020 07
928.48	3.9050 05	1316.23	4.0660 08	3659.62	6.1240 07	3760.36	8.3490 07	6797.77	1.7690 07
929.96	3.7220 05	1348.15	3.9700 08	3662.26	6.2340 07	3767.08	6.6540 07	7292.74	1.3970 07
930.75	3.7740 05	1381.65	3.8540 08	3665.27	6.3780 07	3770.63	4.6360 07	7865.45	1.0800 07
931.96	3.9900 05	1400.00	3.7880 08	3676.98	6.6290 07	3775.31	7.2970 07	8205.87	9.3490 06
934.26	5.1050 05	1419.35	3.7290 08	3676.71	6.7330 07	3784.22	9.0920 07	8205.87	9.5140 06
936.58	4.5130 05	1457.53	3.5910 08	3679.74	6.7020 07	3793.16	7.2990 07	8862.47	8.0290 06
937.60	4.3590 05	1497.83	3.4460 08	3680.27	6.6830 07	3797.90	4.5040 07	10448.54	4.4420 06
939.84	5.7420 05	1520.00	3.3690 08	3681.28	6.6570 07	3804.32	8.0550 07	12726.36	2.1610 06
943.74	8.8530 05	1545.12	3.2890 08	3682.28	6.6300 07	3816.55	9.7040 07	14380.00	1.3760 06
947.66	6.8910 05	1595.10	3.1210 08	3682.81	6.6190 07	3828.85	8.2020 07	15892.88	9.7780 05
949.74	5.0540 05	1648.41	2.9530 08	3683.50	6.5910 07	3835.38	4.4750 07	19843.04	4.2180 05
953.60	1.1810 06	1678.00	2.8650 08	3684.82	6.5480 07	3844.54	8.9430 07	26411.82	1.4260 05
961.00	3.7810 06	1723.39	2.7350 08	3686.13	6.4780 07	3862.03	1.0020 08	32000.00	6.7880 04
968.52	2.4900 06	1816.53	2.4880 08	3686.83	6.4660 07	3879.67	8.8280 07	34121.04	5.2910 04
972.54	7.0400 05	1920.32	2.2540 08	3687.64	6.4300 07	3889.05	4.3700 07	39024.39	3.1370 04
981.32	1.8290 07	1980.00	2.1310 08	3689.19	6.3990 07	3902.80	9.3880 07	45573.51	1.7110 04
998.42	8.4970 07	1991.74	2.1070 08	3690.73	6.2670 07	3929.14	9.9190 07	50000.00	1.1900 04
1016.12	5.2470 07	2014.39	2.0630 08	3691.55	6.2640 07	3955.84	9.2210 07	54724.75	8.3540 03
1025.72	1.0730 06	2037.56	2.0200 08	3692.52	6.2310 07	3970.07	4.3050 07	66666.67	3.8460 03
1037.82	1.1340 08	2050.00	1.9970 08	3694.35	6.2860 07	3992.20	9.3850 07	85275.25	1.4570 03

TEFF = 14000.0 LOG(G) = 4.00 X = 1.00000 Y = 0.0													
I	TAJ	TE	PG	PE	RHO	KAPZ	C=(%)	D TF	XH2	XHE2	XHE3		
1	1.0000-08	8.7410 C3	2.5580-04	1.2790-04	1.7740-16	3.9750-01	-7.9020-02	4.0730 C2	1.0000 00	0.0	0.0		
3	1.0000-07	8.7650 C3	2.5130-03	1.2560-03	1.7340-15	3.9770-01	-7.9020-02	4.0940 C2	1.0000 00	0.0	0.0		
5	1.0000-06	8.7280 C3	2.5040-02	1.2520-02	1.7400-14	3.9890-01	-7.9010-02	4.0670 C2	0.9960-01	0.0	0.0		
7	1.0000-05	9.2660 C3	2.4720-01	1.2350-01	1.6180-13	4.0870-01	-7.9040-02	4.0250 C2	0.9890-01	0.0	0.0		
9	1.0000-04	9.6330 C3	2.2420 C0	1.1180 C0	1.4140-12	4.8520-01	-7.9360-02	2.7110 C1	0.9950-01	0.0	0.0		
11	1.0000-03	9.9700 C3	1.4980 C1	7.4300 C0	9.1850-12	9.0570-01	-9.0820-02	5.2830-01	0.9350-01	0.0	0.0		
13	1.3590-03	9.9620 C3	1.8650 C1	9.2290 C0	1.1470-11	1.0280 C0	-1.2490-01	5.4100-01	0.9790-01	0.0	0.0		
15	1.8480-03	9.9590 C3	2.3030 C1	1.1370 C1	1.4200-11	1.1720 C0	-1.9160-01	3.9080-01	0.9740-01	0.0	0.0		
17	2.5120-03	9.9700 C3	2.8220 C1	1.3890 C1	1.7420-11	1.3360 C0	-2.0940-01	2.1360-01	0.9670-01	0.0	0.0		
19	3.4150-03	1.0000 C4	3.4410 C1	1.6900 C1	2.1220-11	1.5200 C0	-1.7550-01	-5.6300-02	0.9650-01	0.0	0.0		
21	4.6420-03	1.0060 C4	4.1780 C1	2.0490 C1	2.5650-11	1.7260 C0	-1.1030-01	3.8470-01	0.9620-01	0.0	0.0		
23	6.3100-03	1.0150 C4	5.0590 C1	2.4790 C1	3.0820-11	1.9530 C0	3.3600-02	-7.4280-01	0.9600-01	0.0	0.0		
25	8.5770-03	1.0250 C4	6.1150 C1	2.9960 C1	3.6870-11	2.2050 C0	1.9700-01	-1.2080 C0	0.9600-01	0.0	0.0		
27	1.1660-02	1.0370 C4	7.3830 C1	3.6190 C1	4.3980-11	2.4900 C0	8.8740-02	-1.7290 C0	0.9610-01	0.0	0.0		
29	1.5950-02	1.0510 C4	8.9050 C1	4.3670 C1	5.2340-11	2.8110 C0	-5.8540-02	-2.1460 C0	0.9620-01	0.0	0.0		
31	2.1540-02	1.0650 C4	1.0730 C2	5.2590 C1	6.2200-11	3.1710 C0	-8.6310-02	-2.3180 C0	0.9640-01	0.0	0.0		
33	2.9290-02	1.0800 C4	1.2930 C2	6.3520 C1	7.3790-11	3.5780 C0	-9.5040-02	-2.4990 C0	0.9660-01	0.0	0.0		
35	3.9810-02	1.0970 C4	1.5560 C2	7.6570 C1	8.7380-11	4.0320 C0	-1.1000-01	-2.3820 C0	0.9680-01	0.0	0.0		
37	5.4120-02	1.1150 C4	1.8740 C2	9.2310 C1	1.0340-10	4.5380 C0	-1.2210-01	-1.8590 C0	0.9710-01	0.0	0.0		
39	7.3560-02	1.1340 C4	2.2560 C2	1.1130 C2	1.2210-10	5.0970 C0	-1.2110-01	-1.1950 C0	0.9730-01	0.0	0.0		
41	1.0000-01	1.1570 C4	2.7180 C2	1.3430 C2	1.4410-10	5.6980 C0	-1.0380-01	-4.4870-02	0.9760-01	0.0	0.0		
43	1.2590-01	1.1760 C4	3.1290 C2	1.5480 C2	1.6300-10	6.1830 C0	-1.2790-01	5.0370-01	0.9790-01	0.0	0.0		
45	1.5850-01	1.1960 C4	3.6040 C2	1.7850 C2	1.8440-10	6.6950 C0	-1.3140-01	7.4680-01	0.9810-01	0.0	0.0		
47	1.9950-01	1.2190 C4	4.1590 C2	2.0630 C2	2.0840-10	7.2130 C0	-1.6280-01	1.5280 C0	0.9840-01	0.0	0.0		
49	2.5120-01	1.2440 C4	4.8050 C2	2.3860 C2	2.3560-10	7.7550 C0	-1.1920-01	1.7550 C0	0.9860-01	0.0	0.0		
51	3.1620-01	1.2720 C4	5.5630 C2	2.7660 C2	2.6650-10	8.3060 C0	2.3570-02	2.3060 C0	0.9870-01	0.0	0.0		
53	3.9810-01	1.3030 C4	6.4550 C2	3.2120 C2	3.0180-10	8.8750 C0	9.3220-02	2.2610 C0	0.9900-01	0.0	0.0		
55	5.0120-01	1.3360 C4	7.5080 C2	3.7380 C2	3.4210-10	9.4690 C0	1.0240-02	1.6460 C0	0.9910-01	0.0	0.0		
57	6.3100-01	1.3720 C4	8.7520 C2	4.3610 C2	3.8810-10	1.0090 C1	-2.2610-02	8.9570-01	0.9920-01	0.0	0.0		
59	7.9430-01	1.4100 C4	1.0230 C3	5.0970 C2	4.4090-10	1.0740 C1	-1.9960-01	6.4940-01	0.9940-01	0.0	0.0		
61	1.0000 C0	1.4510 C4	1.1970 C3	5.9700 C2	5.0130-10	1.1440 C1	-1.7730-01	7.4000-01	0.9950-01	0.0	0.0		
63	1.2590 C0	1.4900 C4	1.4030 C3	7.0000 C2	5.7170-10	1.2260 C1	2.5550-01	1.9350 C0	0.9950-01	0.0	0.0		
65	1.5850 C0	1.5330 C4	1.6450 C3	8.2120 C2	6.5130-10	1.3090 C1	3.2710-01	1.3250 C0	0.9960-01	0.0	0.0		
67	1.9950 C0	1.5810 C4	1.9320 C3	9.6450 C2	7.4160-10	1.3920 C1	1.7830-01	-1.3190-01	0.9970-01	0.0	0.0		
69	2.5120 C0	1.6330 C4	2.2720 C3	1.1350 C3	8.4450-10	1.4780 C1	-1.8320-01	-1.3660 C0	0.9980-01	0.0	0.0		
71	3.1620 C0	1.6860 C4	2.6760 C3	1.3370 C3	9.6290-10	1.5710 C1	-3.9420-01	-6.7930-01	0.9820-01	0.0	0.0		
73	3.9810 C0	1.7390 C4	3.1540 C3	1.5760 C3	1.1000-09	1.6810 C1	-5.3990-01	2.4730 C0	0.9820-01	0.0	0.0		
75	5.0120 C0	1.7910 C4	3.7150 C3	1.8560 C3	1.2580-09	1.8060 C1	3.7140-01	4.0930 C0	0.9820-01	0.0	0.0		
77	6.3100 C0	1.8490 C4	4.3760 C3	2.1860 C3	1.4350-09	1.9260 C1	7.3660-01	-5.7940-01	0.9830-01	0.0	0.0		
79	7.9430 C0	1.9110 C4	5.1560 C3	2.5760 C3	1.6370-09	2.0550 C1	6.0980-02	-2.6860 C0	0.9830-01	0.0	0.0		
81	1.0000 C1	1.9740 C4	6.0760 C3	3.0360 C3	1.8670-09	2.1940 C1	-5.0730-01	-3.2840-01	0.9840-01	0.0	0.0		
83	1.2590 C1	2.0500 C4	7.1700 C3	3.5820 C3	2.1210-09	2.3150 C1	-5.2870-01	6.7570-01	0.9850-01	0.0	0.0		
85	1.5850 C1	2.1190 C4	8.4660 C3	4.2300 C3	2.4230-09	2.4790 C1	-1.0990-01	3.5900 C0	0.9860-01	0.0	0.0		
87	1.9950 C1	2.2190 C4	9.9870 C3	4.9900 C3	2.7560-09	2.6550 C1	7.3350-01	2.9440 C0	0.9870-01	0.0	0.0		
89	2.5120 C1	2.2720 C4	1.1780 C4	5.8890 C3	3.1460-09	2.8170 C1	3.3970-01	-3.0540 C0	0.9880-01	0.0	0.0		
91	3.1620 C1	2.3570 C4	1.3910 C4	6.9540 C3	3.5810-09	2.9940 C1	-3.6750-01	-2.0930 C0	0.9890-01	0.0	0.0		
93	3.9810 C1	2.4580 C4	1.6450 C4	8.2210 C3	4.0580-09	3.1420 C1	1.6960-01	1.0270 C0	0.9900-01	0.0	0.0		
95	5.0120 C1	2.5590 C4	1.9480 C4	9.7340 C3	4.6150-09	3.3210 C1	-2.2950-02	1.0320 C0	0.9910-01	0.0	0.0		
97	6.3100 C1	2.6670 C4	2.3080 C4	1.1540 C4	5.2490-09	3.5080 C1	3.2300-03	1.1430 C0	0.9910-01	0.0	0.0		
99	7.9430 C1	2.7650 C4	2.7390 C4	1.3690 C4	5.9620-09	3.6880 C1	5.1640-01	-6.1260-03	0.9910-01	0.0	0.0		

TEFF = 14000.0 C			LOG(G) =		4.00		X =		1.00000		Y =		0.0	
_AM	F LAM		LAM	=	LAM	LAM		=	LAM	F LAM		LAM	F LAM	
504.26	4.0250	00	1061.56	2.4930	08	2050.00	2.0170	09	3696.18	6.3170	07	4034.83	9.4360	07
546.43	2.3970	01	1086.41	3.3500	08	2127.72	1.8810	09	3697.15	6.3060	07	4078.38	8.7900	07
649.38	6.6130	02	1100.00	3.6380	08	2292.47	1.6270	08	3698.31	6.2860	07	4101.73	3.8330	07
800.11	1.6080	04	1112.26	3.8300	08	2484.88	1.3870	08	3700.50	6.3160	07	4141.06	8.7090	07
911.76	8.1480	04	1136.26	4.0760	08	2600.00	1.2680	08	3702.69	6.0880	07	4217.72	8.3650	07
911.76	8.1140	04	1161.33	4.1490	08	2600.00	1.2680	08	3703.85	6.0710	07	4297.27	7.8160	07
913.07	1.6550	05	1175.00	4.0660	08	2677.27	1.1950	08	3705.25	6.1150	07	4340.46	3.4840	07
915.54	2.0110	05	1181.83	3.9590	08	2837.09	1.0620	08	3707.91	6.2810	07	4422.28	7.2160	07
918.03	2.3390	05	1194.99	3.3050	08	3017.20	9.3500	07	3710.56	5.9510	07	4586.15	6.4490	07
919.35	2.4740	05	1208.45	6.0170	07	3121.75	8.7040	07	3711.97	5.8750	07	4762.63	5.7100	07
919.63	2.4940	05	1215.67	3.5780	06	3121.76	8.7040	07	3713.69	6.0490	07	4861.32	2.6700	07
920.16	2.5170	05	1216.42	3.5930	06	3169.76	8.4300	07	3716.95	6.3650	07	4892.89	5.1200	07
920.69	2.5740	05	1217.83	5.9310	06	3264.93	7.9210	07	3720.21	5.7780	07	4953.86	5.0350	07
920.96	2.6040	05	1219.25	1.1000	07	3365.99	7.4210	07	3721.94	5.5190	07	5016.38	4.8450	07
921.34	2.6300	05	1220.00	1.5730	07	3421.37	7.1620	07	3724.08	5.9620	07	5050.00	4.7430	07
922.06	2.6560	05	1223.41	7.5020	07	3421.87	7.1620	07	3728.14	6.6180	07	5123.58	4.5280	07
922.77	2.7090	05	1229.92	2.4530	08	3458.74	6.9980	07	3732.22	5.7660	07	5269.12	4.1350	07
923.15	2.7370	05	1236.50	3.3610	08	3530.87	6.6900	07	3734.37	5.1860	07	5423.16	3.7650	07
923.68	2.7700	05	1240.00	3.6330	08	3606.08	6.3880	07	3737.09	6.0490	07	5508.11	3.5780	07
924.69	2.8690	05	1249.96	4.0200	08	3647.05	6.2310	07	3742.24	7.0610	07	5665.32	3.2630	07
925.69	2.8990	05	1269.29	4.2260	08	3647.05	5.9790	07	3747.42	5.8150	07	5989.38	2.7180	07
926.22	2.9300	05	1289.23	4.2500	08	3649.67	5.9660	07	3750.15	4.7670	07	6352.76	2.2340	07
927.00	2.9740	05	1300.00	4.2360	08	3654.64	5.9900	07	3753.67	6.2150	07	6562.80	1.2670	07
928.48	3.2640	05	1316.23	4.2080	08	3659.62	6.0760	07	3756.36	7.7130	07	6797.77	1.7820	07
929.96	3.1320	05	1348.15	4.1090	08	3662.26	6.1470	07	3767.08	6.1890	07	7292.74	1.4060	07
930.75	3.1740	05	1381.65	3.9810	08	3665.27	6.2440	07	3770.63	4.5510	07	7865.45	1.0870	07
931.96	3.3300	05	1400.00	3.9080	08	3670.98	6.4480	07	3775.31	6.7370	07	8205.87	9.4030	06
934.26	4.2000	05	1419.35	3.8560	08	3676.71	6.6140	07	3784.22	8.4920	07	8205.87	9.5920	06
936.58	3.7320	05	1457.53	3.7040	08	3679.74	6.6640	07	3793.16	6.6840	07	8862.47	8.0930	06
937.80	3.6240	05	1497.83	3.5410	08	3680.27	6.6650	07	3797.90	4.3400	07	10448.64	4.4710	06
939.84	4.6720	05	1520.00	3.4580	08	3681.28	6.6710	07	3804.32	7.4030	07	12726.36	2.1730	06
943.74	6.8850	05	1545.12	3.3800	08	3682.28	6.6740	07	3816.55	9.2560	07	14380.00	1.3830	06
947.66	5.5260	05	1595.10	3.1950	08	3682.81	6.6770	07	3828.85	7.5530	07	15890.88	9.8280	05
949.74	4.1920	05	1648.41	3.0140	08	3683.50	6.6710	07	3835.38	4.2690	07	19843.04	4.2370	05
953.60	8.8970	05	1678.00	2.9220	08	3684.82	6.6630	07	3844.54	8.3670	07	26411.82	1.4320	05
961.00	2.0400	06	1723.39	2.7970	08	3686.13	6.6390	07	3862.03	9.7850	07	32000.00	6.8080	04
968.52	1.5670	06	1816.53	2.5250	08	3686.83	6.6340	07	3879.67	8.2800	07	34121.04	5.3040	04
972.54	5.7740	05	1920.32	2.2830	08	3687.64	6.6140	07	3889.05	4.1410	07	39024.39	3.1420	04
981.32	7.1230	06	1980.00	2.1570	08	3689.19	6.5880	07	3902.80	9.0290	07	45573.51	1.7120	04
998.42	4.4780	07	1991.74	2.1310	08	3690.73	6.5170	07	3929.14	9.8940	07	50000.00	1.1900	04
1016.12	2.1400	07	2014.39	2.0850	08	3691.55	6.5070	07	3955.84	8.9370	07	54724.75	8.3470	03
1025.72	8.9000	05	2037.56	2.0400	08	3692.52	6.4730	07	3970.07	4.0710	07	66666.67	3.8360	03
1037.82	5.6430	07	2050.00	2.0170	08	3694.35	6.4610	07	3992.20	9.3020	07	85275.25	1.4510	03

TEFF = 14000.0 LOG(G) = 4.50 X = 1.00000 Y = 0.0											
I	TAU	TE	PG	PE	RHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	9.146D 03	8.106D-04	4.053D-04	5.371D-16	3.976D-01	-1.034D-01	-3.598D 02	1.000D 00	0.0	0.0
3	1.0003-07	9.177D 03	7.960D-03	3.980D-03	5.257D-15	3.979D-01	-1.034D-01	-4.311D 02	9.999D-01	0.0	0.0
5	1.0003-06	9.157D 03	7.912D-02	3.955D-02	5.238D-14	4.012D-01	-1.034D-01	-3.718D 02	9.995D-01	0.0	0.0
7	1.0003-05	9.002D 03	7.594D-01	3.785D-01	5.129D-13	4.348D-01	-1.033D-01	4.195D 02	9.939C-01	0.0	0.0
9	1.0003-04	9.716D 03	6.102D 00	3.034D 00	3.827D-12	6.268D-01	-1.023D-01	2.219D 01	9.890D-01	0.0	0.0
11	1.0003-03	9.845D 03	3.247D 01	1.588D 01	2.043D-11	1.507D 00	-1.748D-03	1.066D-01	9.569D-01	0.0	0.0
13	1.3593-03	9.844D 03	3.943D 01	1.591D 01	2.492D-11	1.727D 00	1.757D-01	1.602D-01	9.482D-01	0.0	0.0
15	1.8483-03	9.863D 03	4.769D 01	2.311D 01	3.021D-11	1.975D 00	2.467D-01	2.489D-01	9.404D-01	0.0	0.0
17	2.5123-03	9.907D 03	5.751D 01	2.778D 01	3.638D-11	2.252D 00	1.919D-01	3.097D-01	9.344D-01	0.0	0.0
19	3.4153-03	9.979D 03	6.920D 01	3.337D 01	4.353D-11	2.561D 00	2.122D-01	3.483D-01	9.312D-01	0.0	0.0
21	4.6423-03	1.008D 04	8.318D 01	4.010D 01	5.183D-11	2.905D 00	3.513D-01	3.734D-01	9.307D-01	0.0	0.0
23	6.3103-03	1.019D 04	9.993D 01	4.821D 01	6.152D-11	3.292D 00	7.981D-01	3.515D-01	9.319D-01	0.0	0.0
25	8.5773-03	1.032D 04	1.200D 02	5.795D 01	7.289D-11	3.728D 00	1.232D 00	2.485D-01	9.340D-01	0.0	0.0
27	1.1663-02	1.045D 04	1.440D 02	6.965D 01	8.628D-11	4.227D 00	8.934D-01	1.495D-01	9.364D-01	0.0	0.0
29	1.5853-02	1.058D 04	1.728D 02	8.364D 01	1.021D-10	4.799D 00	2.443D-01	1.308D-01	9.386D-01	0.0	0.0
31	2.1543-02	1.072D 04	2.071D 02	1.004D 02	1.206D-10	5.447D 00	-4.357D-02	1.229D-02	9.411D-01	0.0	0.0
33	2.9293-02	1.087D 04	2.482D 02	1.206D 02	1.423D-10	6.174D 00	-7.122D-02	-9.180D-02	9.443D-01	0.0	0.0
35	3.9813-02	1.104D 04	2.975D 02	1.447D 02	1.678D-10	6.992D 00	-5.684D-02	-1.027D-01	9.477D-01	0.0	0.0
37	5.4123-02	1.122D 04	3.565D 02	1.739D 02	1.974D-10	7.897D 00	-3.339D-02	7.268D-02	9.519D-01	0.0	0.0
39	7.3563-02	1.141D 04	4.275D 02	2.089D 02	2.322D-10	8.914D 00	-2.447D-02	1.513D-01	9.560D-01	0.0	0.0
41	1.0003-01	1.162D 04	5.129D 02	2.513D 02	2.728D-10	1.002D 01	-2.329D-03	3.093D-01	9.607D-01	0.0	0.0
43	1.2593-01	1.181D 04	5.886D 02	2.890D 02	3.073D-10	1.089D 01	-2.846D-02	5.076D-01	9.650D-01	0.0	0.0
45	1.5853-01	1.202D 04	6.762D 02	3.328D 02	3.463D-10	1.182D 01	-1.586D-02	6.182D-01	9.691D-01	0.0	0.0
47	1.9953-01	1.225D 04	7.780D 02	3.838D 02	3.901D-10	1.276D 01	-8.736D-02	9.523D-01	9.734D-01	0.0	0.0
49	2.5123-01	1.250D 04	8.968D 02	4.433D 02	4.396D-10	1.375D 01	-5.834D-02	1.132D 00	9.775D-01	0.0	0.0
51	3.1623-01	1.278D 04	1.036D 03	5.128D 02	4.960D-10	1.477D 01	3.638D-02	1.328D 00	9.806D-01	0.0	0.0
53	3.9813-01	1.308D 04	1.199D 03	5.943D 02	5.602D-10	1.582D 01	8.081D-02	1.293D 00	9.832D-01	0.0	0.0
55	5.0123-01	1.340D 04	1.391D 03	6.903D 02	6.334D-10	1.693D 01	2.007D-01	8.489D-01	9.857D-01	0.0	0.0
57	6.3103-01	1.376D 04	1.617D 03	8.035D 02	7.166D-10	1.807D 01	1.067D-01	3.305D-01	9.881D-01	0.0	0.0
59	7.9433-01	1.414D 04	1.884D 03	9.372D 02	8.117D-10	1.926D 01	-2.354D-01	2.322D-01	9.902D-01	0.0	0.0
61	1.0703-00	1.455D 04	2.200D 03	1.095D 03	9.202D-10	2.050D 01	-3.439D-01	6.811D-01	9.920D-01	0.0	0.0
63	1.2593-00	1.494D 04	2.573D 03	1.282D 03	1.047D-09	2.197D 01	-2.199D-02	1.817D 00	9.933D-01	0.0	0.0
65	1.5853-00	1.537D 04	3.011D 03	1.501D 03	1.191D-09	2.350D 01	3.604D-02	1.961D 00	9.944D-01	0.0	0.0
67	1.9953-00	1.583D 04	3.529D 03	1.760D 03	1.354D-09	2.504D 01	3.715D-02	1.161D 00	9.954D-01	0.0	0.0
69	2.5123-00	1.634D 04	4.142D 03	2.067D 03	1.539D-09	2.660D 01	1.528D-01	-1.954D-01	9.963D-01	0.0	0.0
71	3.1623-00	1.687D 04	4.869D 03	2.431D 03	1.751D-09	2.830D 01	-1.719D-01	-1.016D 00	9.969D-01	0.0	0.0
73	3.9813-00	1.740D 04	5.727D 03	2.859D 03	1.998D-09	3.025D 01	-4.428D-01	6.924D-01	9.970D-01	0.0	0.0
75	5.0123-00	1.793D 04	6.736D 03	3.363D 03	2.281D-09	3.247D 01	-6.939D-02	2.828D 00	9.971D-01	0.0	0.0
77	6.3103-00	1.849D 04	7.923D 03	3.956D 03	2.600D-09	3.473D 01	2.150D-01	1.629D 00	9.972D-01	0.0	0.0
79	7.9433-00	1.909D 04	9.320D 03	4.654D 03	2.963D-09	3.713D 01	1.444D-01	7.958D-01	9.974D-01	0.0	0.0
81	1.0003-01	1.972D 04	1.097D 04	5.476D 03	3.375D-09	3.967D 01	2.039D-03	8.720D-01	9.975D-01	0.0	0.0
83	1.2593-01	2.046D 04	1.292D 04	6.452D 03	3.832D-09	4.191D 01	-1.215D-01	-7.298D-01	9.977D-01	0.0	0.0
85	1.5853-01	2.117D 04	1.524D 04	7.610D 03	4.366D-09	4.468D 01	-3.341D-01	1.161D 00	9.979D-01	0.0	0.0
87	1.9953-01	2.191D 04	1.797D 04	8.975D 03	4.772D 01	4.747D 01	3.574D-01	2.079D 00	9.981D-01	0.0	0.0
89	2.5123-01	2.270D 04	2.119D 04	1.059D 04	5.062D-09	5.083D 01	2.224D-01	-2.926D-02	9.983D-01	0.0	0.0
91	3.1623-01	2.356D 04	2.501D 04	1.249D 04	6.438D-09	5.398D 01	-1.395D-01	6.822D-01	9.984D-01	0.0	0.0
93	3.9813-01	2.434D 04	2.955D 04	1.476D 04	7.302D-09	5.682D 01	4.388D-01	3.901D-01	9.986D-01	0.0	0.0
95	5.0123-01	2.556D 04	3.497D 04	1.747D 04	8.297D-09	6.002D 01	9.549D-02	1.852D 00	9.988D-01	0.0	0.0
97	6.3103-01	2.664D 04	4.142D 04	2.070D 04	9.431D-09	6.339D 01	1.488D-01	1.511D 00	9.988D-01	0.0	0.0
99	7.9433-01	2.780D 04	4.912D 04	2.454D 04	1.071D-08	6.677D 01	1.962D-02	7.250D-01	9.988D-01	0.0	0.0



TEFF = 14000.0 LOG(G) = 4.50 X = 1.00000 Y = 0.0									
_AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	4.2500 00	1061.56	1.9310 08	2050.00	2.0540 09	3596.18	6.5470 07	4034.83	9.4670 07
546.43	2.5610 01	1086.41	2.9580 08	2127.72	1.9140 09	3697.15	6.5400 07	4078.38	8.6260 07
649.38	6.9680 02	1100.00	3.3300 08	2292.47	1.6530 09	3698.31	6.5210 07	4101.73	3.6450 07
800.11	1.5990 04	1112.26	3.5840 08	2484.88	1.4070 08	3700.50	6.5060 07	4141.06	8.7180 07
911.76	7.7070 04	1136.26	3.9070 08	2600.00	1.2850 08	3702.69	6.3670 07	4217.72	8.4640 07
911.76	7.6360 04	1161.33	3.9960 08	2600.00	1.2850 08	3703.85	6.3480 07	4297.27	7.8540 07
913.07	1.5880 05	1175.00	3.8550 08	2677.27	1.2110 09	3705.25	6.3490 07	4340.46	3.3310 07
915.54	1.8420 05	1181.83	3.6610 08	2837.09	1.0750 08	3707.91	6.3870 07	4422.28	7.3000 07
918.03	2.0390 05	1194.99	2.7220 08	3017.20	9.4640 07	3710.56	6.1800 07	4586.15	6.5320 07
919.35	2.1140 05	1208.45	2.9250 07	3121.75	8.8050 07	3711.97	6.1340 07	4762.63	5.7690 07
919.63	2.1300 05	1215.57	3.0120 06	3121.76	8.8050 07	3713.69	6.2040 07	4861.32	2.5690 07
920.16	2.1490 05	1216.42	3.0260 06	3169.76	8.5260 07	3716.95	6.3330 07	4892.89	5.0920 07
920.69	2.1800 05	1217.83	4.7870 06	3264.93	8.0080 07	3720.21	5.9670 07	4953.86	5.0840 07
920.96	2.1960 05	1219.25	7.9480 06	3365.99	7.5020 07	3721.94	5.8240 07	5016.38	4.8980 07
921.34	2.2140 05	1220.00	1.0300 07	3421.87	7.2400 07	3724.08	5.0730 07	5050.00	4.7960 07
922.00	2.2340 05	1223.41	3.7270 07	3421.87	7.2400 07	3728.14	5.4230 07	5123.58	4.5780 07
922.77	2.2730 05	1229.92	1.7030 08	3458.74	7.0730 07	3732.22	5.8340 07	5269.12	4.1810 07
923.15	2.2910 05	1236.50	2.8270 08	3530.87	6.7600 07	3734.37	5.4730 07	5423.16	3.8040 07
923.68	2.3130 05	1240.00	3.2000 08	3606.08	6.4520 07	3737.09	6.0370 07	5508.11	3.6150 07
924.69	2.3820 05	1249.96	3.8140 08	3647.05	6.2920 07	3742.24	6.6780 07	5665.32	3.2960 07
925.69	2.4070 05	1269.29	4.2030 08	3649.67	6.0250 07	3747.42	5.7250 07	5899.38	2.7440 07
926.22	2.4300 05	1289.23	4.2930 08	3649.67	6.0250 07	3750.15	4.9490 07	6352.76	2.2530 07
927.00	2.4620 05	1300.00	4.3000 08	3654.64	6.0330 07	3753.67	5.0450 07	6562.80	1.2290 07
928.48	2.6730 05	1316.23	4.2860 08	3659.62	6.0840 07	3760.36	7.1880 07	6797.77	1.7960 07
929.96	2.5790 05	1348.15	4.2060 08	3662.26	6.1280 07	3767.08	5.9120 07	7292.74	1.4170 07
930.75	2.6120 05	1381.65	4.0870 08	3665.27	6.1900 07	3770.63	4.5960 07	7865.45	1.0950 07
931.96	2.7270 05	1400.00	4.0180 08	3670.98	6.3380 07	3775.31	6.3700 07	8205.87	9.4680 06
934.26	3.4090 05	1419.35	3.9570 08	3676.71	6.4870 07	3784.22	7.9010 07	8205.87	9.6710 06
936.53	3.0310 05	1457.53	3.8040 08	3679.74	6.5530 07	3793.16	6.2260 07	8862.47	8.1580 06
937.80	2.9550 05	1497.83	3.6390 08	3680.27	6.5630 07	3797.90	4.2590 07	10449.64	4.5020 06
939.84	3.7690 05	1520.00	3.5540 08	3681.28	6.5810 07	3804.32	6.8540 07	12726.36	2.1860 06
943.74	5.5120 05	1545.12	3.4660 08	3682.28	6.5980 07	3816.55	8.7220 07	14380.00	1.3900 06
947.66	4.4170 05	1595.10	3.2770 08	3682.81	6.6070 07	3828.85	6.9550 07	15890.88	9.8820 05
949.74	3.4130 05	1648.41	3.0900 08	3683.50	6.6150 07	3835.38	4.1190 07	19843.04	4.2550 05
953.60	6.9900 05	1678.00	2.9930 08	3684.82	6.6300 07	3844.54	7.7650 07	26411.82	1.4370 05
961.00	1.4190 06	1723.39	2.8510 08	3686.13	6.6380 07	3862.03	9.4350 07	32000.00	6.8260 04
968.52	1.1530 06	1816.53	2.5800 08	3686.83	6.6440 07	3879.05	7.7040 07	34121.04	5.3170 04
972.54	4.6690 05	1920.32	2.3280 08	3687.64	6.6460 07	3889.05	3.9510 07	39024.39	3.1480 04
981.32	3.5750 06	1980.00	2.1970 08	3689.19	6.6490 07	3902.80	8.5540 07	45573.51	1.7140 04
998.42	2.1970 07	1991.74	2.1720 08	3690.73	6.6320 07	3929.14	9.7620 07	50000.00	1.1900 04
1016.12	8.9100 06	2014.39	2.1250 08	3691.55	6.6320 07	3955.84	8.5330 07	54724.75	8.3420 03
1025.72	7.3620 05	2037.56	2.0790 08	3692.52	6.6220 07	3970.07	3.8640 07	66666.67	3.8280 03
1037.82	2.4660 07	2050.00	2.0550 08	3694.35	6.6170 07	3992.20	9.1050 07	85275.25	1.4450 03



$$T_{\text{eff}} = 16\,000^{\circ}\text{K}$$

TEFF = 16000.0 LOG(G) = 2.50 X = 0.01640 Y = 0.98360

I	TAJ	TE	PG	PF	RHO	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.1350 04	2.9690-05	1.4850-05	6.0470-17	1.0430-01	4.3880-22	4.9620 01	1.0000 00	9.9990-01	2.0970-10
3	1.0000-07	1.1340 04	2.9160-04	1.4570-04	5.9420-16	1.0420-01	4.3980-02	5.0180 01	1.0000 00	9.9930-01	2.1020-11
5	1.0000-06	1.1340 04	2.9190-03	1.4550-03	5.9670-15	1.0360-01	4.3880-02	5.0740 01	1.0000 00	9.9330-01	2.0530-12
7	1.0000-05	1.1230 04	3.0050-02	1.4550-02	6.3200-14	9.8110-02	4.3880-02	5.0750 01	1.0000 00	9.3530-01	1.8340-13
9	1.0000-04	1.1260 04	3.8780-01	1.4250-01	1.0070-12	6.1560-02	3.5990-02	4.6120 01	9.9590-01	5.5270-01	7.6020-15
11	1.0000-03	1.1370 04	1.0280 01	1.5910 00	3.5310-11	2.2480-02	5.9530-02	3.2070 01	9.9950-01	1.2870-01	2.9090-16
13	1.3590-03	1.1480 04	1.5290 01	2.2570 00	5.2490-11	2.2440-02	4.3970-02	5.1590 00	9.9940-01	1.1800-01	3.1880-16
15	1.8480-03	1.1570 04	2.2090 01	3.1080 00	7.5810-11	2.2610-02	5.3570-02	6.2290 01	9.9930-01	1.0800-01	3.3680-16
17	2.5120-03	1.1640 04	3.1280 01	4.1450 00	1.0770-10	2.2650-02	5.3570-02	6.5490 00	9.9920-01	9.9920-02	3.1470-16
19	3.4150-03	1.1680 04	4.3780 01	5.3630 00	1.5190-10	2.2520-02	2.7580-01	2.1440 01	9.9910-01	8.2910-02	2.5600-16
21	4.6420-03	1.1710 04	6.0880 01	6.9050 00	2.1300-10	2.2490-02	2.7370-01	1.3630 01	9.9890-01	6.9850-01	1.9210-16
23	6.3100-03	1.1740 04	8.3870 01	8.8490 00	2.9530-10	2.2990-02	1.9700-01	8.0040 00	9.9860-01	5.9220-02	1.4770-16
25	8.5770-03	1.1780 04	1.1400 02	1.1320 01	4.0260-10	2.4120-02	2.2600-01	3.7720 00	9.9840-01	5.1110-02	1.2050-16
27	1.1560-02	1.1830 04	1.5240 02	1.4460 01	5.3860-10	2.5990-02	3.3570-03	-2.7300 00	9.9810-01	4.5310-02	1.0730-16
29	1.5850-02	1.1900 04	2.0020 02	1.8450 01	7.0550-10	2.8760-02	2.1310-02	-3.5040 00	9.9780-01	4.1750-02	1.0790-16
31	2.1540-02	1.2010 04	2.5770 02	2.3600 01	9.0090-10	3.2870-02	1.7980-02	6.7220 00	9.9750-01	4.1020-02	1.3360-16
33	2.9290-02	1.2150 04	3.2470 02	3.0330 01	1.1190-09	3.8890-02	7.4430-02	-2.5490-01	9.9730-01	4.3410-02	2.1090-16
35	3.9810-02	1.2330 04	4.0040 02	3.9050 01	1.3540-09	4.7360-02	1.7830-02	4.8710 00	9.9730-01	4.8780-02	4.0370-16
37	5.4120-02	1.2540 04	4.8310 02	5.0340 01	1.5950-09	5.9260-02	1.6190-01	5.3350 00	9.9730-01	5.7580-02	9.0730-16
39	7.3560-02	1.2770 04	5.7120 02	6.4960 01	1.8310-09	7.6170-02	1.1620-02	-9.5340 00	9.9730-01	7.0380-02	2.2940-15
41	1.0000-01	1.3070 04	7.3030 02	8.4250 01	2.0480-09	1.0110-01	-8.5510-01	-1.4920 02	9.9730-01	8.8940-02	6.5490-15
43	1.2590-01	1.3270 04	8.0300 02	1.0300 02	2.1840-09	1.2820-01	-9.5370-01	-1.0970 02	9.9730-01	1.0860-01	1.5780-14
45	1.5850-01	1.3530 04	7.9610 02	1.2620 02	2.2880-09	1.6590-01	-3.1000-01	-1.1250 02	9.9730-01	1.3450-01	4.0560-14
47	1.9950-01	1.3800 04	8.5840 02	1.5500 02	2.3550-09	2.1840-01	4.1460-01	-5.5360 01	9.9740-01	1.6860-01	1.1040-13
49	2.5120-01	1.4100 04	9.1590 02	1.9040 02	2.3770-09	2.9210-01	1.4980 00	-5.5920 01	9.9750-01	2.7210-01	3.2070-13
51	3.1620-01	1.4440 04	9.6810 02	2.3330 02	2.3520-09	3.9430-01	1.5070 00	-5.9380 01	9.9790-01	2.7210-01	9.9040-13
53	3.9810-01	1.4800 04	1.0560 03	3.3970 02	2.1770-09	7.0410-01	6.6690 00	-3.4010 01	9.9820-01	4.3950-01	1.1130-11
55	5.0120-01	1.5200 04	1.0560 03	3.9790 02	2.0560-09	8.9930-01	4.7850 00	-3.7000 01	9.9850-01	5.4420-01	3.8900-11
57	6.3100-01	1.5620 04	1.0930 03	3.9790 02	2.0560-09	1.0910 00	2.99840 00	-4.6200 01	9.9870-01	6.5200-01	1.3620-10
59	7.9430-01	1.6070 04	1.1280 03	4.5400 02	1.9380-09	1.2480 00	3.9540-01	-3.5930 01	9.9900-01	7.5220-01	4.7560-10
61	1.0000 00	1.6550 04	1.1640 03	5.0530 02	1.8380-09	1.3450 00	-3.9070-01	-2.7810 01	9.9910-01	8.3280-01	1.6630-09
63	1.2590 00	1.7070 04	1.2030 03	5.5050 02	1.7670-09	1.3860 00	3.3320 00	-1.6640 00	9.9920-01	8.8860-01	5.4170-09
65	1.5850 00	1.7600 04	1.2510 03	5.9120 02	1.7340-09	1.3860 00	3.3320 00	-1.6640 00	9.9930-01	9.2820-01	1.7500-08
67	1.9950 00	1.8160 04	1.3130 03	6.3350 02	1.7280-09	1.3920 00	1.7940 01	-5.2380 01	9.9930-01	9.5510-01	5.7180-08
69	2.5120 00	1.8780 04	1.3930 03	6.8140 02	1.7500-09	1.3770 00	1.6190 01	-1.3110 02	9.9930-01	9.8920-01	1.8170-07
71	3.1620 00	1.9440 04	1.4990 03	7.3940 02	1.8050-09	1.3580 00	1.2160 01	-2.0320 02	9.9940-01	9.8270-01	5.7650-07
73	3.9810 00	2.0150 04	1.6380 03	8.1240 02	1.8940-09	1.3410 00	1.1800 00	-1.7420 02	9.9950-01	9.8270-01	1.7750-06
75	5.0120 00	2.0910 04	1.8200 03	9.0550 02	2.0220-09	1.3330 00	1.4590 00	-1.7420 02	9.9950-01	9.9290-01	4.8790-06
77	6.3100 00	2.1660 04	2.0530 03	1.0230 03	2.1980-09	1.3480 00	1.4800 01	-1.8030 02	9.9960-01	9.9520-01	1.3070-05
79	7.9430 00	2.2450 04	2.3460 03	1.1700 03	2.4200-09	1.3730 00	2.3870 01	-3.2830 02	9.9960-01	9.9680-01	3.6550-05
81	1.0000 01	2.3340 04	2.7110 03	1.3530 03	2.6880-09	1.4010 00	2.3440 01	-5.0960 02	9.9960-01	9.9780-01	1.0090-04
83	1.2590 01	2.4300 04	3.1630 03	1.5800 03	3.0110-09	1.4370 00	5.1770 00	-6.3840 02	9.9960-01	9.9830-01	2.6500-04
85	1.5850 01	2.5300 04	3.7210 03	1.8600 03	3.4010-09	1.4870 00	-1.8640 00	-5.5940 02	9.9970-01	9.9830-01	6.4140-04
87	1.9950 01	2.6310 04	4.4010 03	2.2000 03	3.8670-09	1.5540 00	3.2020 00	-4.9730 02	9.9970-01	9.9810-01	1.4730-03
89	2.5120 01	2.7340 04	5.2210 03	2.6110 03	4.4120-09	1.6350 00	-1.8710 01	-3.5100 02	9.9970-01	9.9750-01	3.4260-03
91	3.1620 01	2.8470 04	6.2000 03	3.1040 03	5.0260-09	1.7240 00	-1.1790 01	-1.4810 02	9.9970-01	9.9570-01	7.9410-03
93	3.9810 01	2.9690 04	7.3610 03	3.5970-09	1.8350 00	1.8350 00	-1.1390 01	9.4220 00	9.9970-01	9.9130-01	1.7850-02
95	5.0120 01	3.0980 04	8.7080 03	4.3890 03	6.4420-09	1.9960 00	-1.0330 01	1.3430 02	9.9970-01	9.8150-01	3.8750-02
97	6.3100 01	3.2340 04	1.0210 04	5.1930 03	7.1630-09	2.2610 00	-1.0150 01	2.5540 02	9.9970-01	9.6070-01	8.3840-02
99	7.9430 01	3.3850 04	1.1750 04	6.0940 03	7.7170-09	2.7360 00	-1.0250 01	3.7030 02	9.9970-01	9.1580-01	

TEFF = 1600.0 LOG(G) = 2.50 X = 0.01640 Y = 0.98360									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.29	7.355D 02	1061.56	7.834D 08	2050.00	3.292D 08	3696.18	1.357D 08	4034.83	1.332D 08
545.43	3.199D 03	1086.41	7.781D 08	2127.72	3.083D 08	3697.15	1.358D 08	4078.38	1.284D 08
649.38	4.523D 04	1100.00	7.721D 08	2292.47	2.691D 08	3698.31	1.358D 08	4101.73	6.824D 07
800.11	5.472D 05	1112.26	7.672D 08	2484.98	2.306D 08	3700.50	1.377D 08	4141.06	1.226D 08
911.76	1.850D 06	1136.26	7.555D 08	2600.00	2.111D 08	3702.69	1.321D 08	4217.72	1.155D 08
911.76	1.841D 06	1161.33	7.414D 08	2600.00	2.111D 03	3703.85	1.315D 08	4297.27	1.086D 08
913.07	2.520D 06	1175.00	7.334D 08	2677.27	2.085D 08	3705.25	1.331D 08	4340.46	6.028D 07
915.54	2.782D 06	1181.83	7.301D 08	2837.09	1.826D 08	3707.91	1.377D 08	4422.28	9.896D 07
918.03	3.109D 06	1194.99	7.181D 08	3017.20	1.588D 08	3710.56	1.292D 08	4586.15	8.781D 07
919.35	3.307D 06	1208.45	6.712D 08	3121.75	1.467D 08	3711.97	1.268D 08	4762.63	7.743D 07
919.63	3.359D 06	1215.57	4.519D 08	3121.76	1.495D 08	3713.69	1.319D 08	4861.32	4.375D 07
920.16	3.395D 06	1216.42	4.515D 07	3169.76	1.441D 08	3716.95	1.395D 08	4892.89	7.055D 07
920.68	3.537D 06	1217.83	3.085D 08	3264.93	1.342D 08	3720.21	1.261D 08	4953.86	6.782D 07
920.96	3.611D 06	1219.25	5.329D 08	3365.99	1.246D 08	3721.94	1.183D 08	5016.38	6.507D 07
921.34	3.692D 06	1220.00	5.866D 08	3421.87	1.197D 08	3724.08	1.303D 08	5050.00	6.366D 07
922.05	3.719D 06	1223.41	6.694D 08	3421.87	1.534D 08	3728.14	1.433D 08	5123.58	6.058D 07
922.77	3.989D 06	1229.92	6.934D 08	3458.74	1.485D 08	3732.22	1.264D 08	5269.12	5.518D 07
923.15	4.087D 06	1236.50	5.934D 08	3530.87	1.393D 08	3734.37	1.103D 08	5423.16	5.000D 07
923.69	4.196D 06	1240.00	5.925D 08	3606.08	1.305D 08	3737.09	1.327D 08	5508.11	4.743D 07
924.69	4.654D 06	1249.96	6.881D 08	3647.05	1.261D 08	3742.24	1.484D 08	5665.32	4.312D 07
925.69	4.659D 06	1269.29	6.774D 08	3649.67	1.210D 08	3747.42	1.270D 08	5989.38	3.567D 07
928.22	4.766D 06	1289.23	6.657D 08	3649.67	1.210D 08	3750.15	9.826D 07	6352.76	2.913D 07
927.00	4.787D 06	1300.00	6.594D 08	3654.84	1.214D 08	3753.67	1.351D 08	6562.80	1.881D 07
928.48	8.456D 06	1316.23	5.491D 08	3659.62	1.232D 08	3760.36	1.539D 08	6797.77	2.306D 07
929.96	5.267D 06	1343.15	6.304D 08	3662.26	1.244D 08	3767.08	1.338D 08	7292.74	1.804D 07
930.75	5.400D 06	1381.65	6.112D 08	3665.27	1.260D 08	3770.63	9.072D 07	7865.45	1.384D 07
931.96	6.688D 06	1400.00	6.008D 08	3670.98	1.285D 08	3775.31	1.424D 08	8205.87	1.282D 07
934.26	6.066D 07	1419.35	5.883D 08	3676.71	1.296D 08	3784.22	1.564D 08	8205.87	1.205D 07
936.58	1.072D 07	1457.53	5.678D 08	3679.74	1.293D 08	3793.16	1.399D 08	8862.47	1.014D 07
937.80	7.555D 06	1497.83	5.463D 08	3680.27	1.426D 08	3797.90	8.278D 07	10448.64	5.523D 06
939.84	6.717D 07	1520.00	5.357D 08	3681.28	1.425D 08	3804.32	1.473D 08	12726.36	2.649D 06
943.74	2.856D 08	1545.12	5.220D 08	3682.28	1.423D 08	3816.55	1.559D 08	14380.00	1.675D 06
947.66	9.800D 07	1595.10	4.982D 08	3682.81	1.422D 08	3828.85	1.456D 08	15890.88	1.184D 06
949.74	8.704D 06	1648.41	4.735D 08	3683.50	1.420D 08	3835.38	7.973D 07	19843.04	5.055D 05
953.60	3.498D 08	1678.00	4.606D 08	3684.82	1.417D 08	3844.54	1.499D 08	26411.82	1.694D 05
961.00	5.895D 08	1723.39	4.409D 08	3686.13	1.410D 08	3862.03	1.520D 08	32000.00	8.023D 04
968.52	5.112D 08	1815.53	4.060D 08	3686.83	1.410D 08	3879.67	1.461D 08	34121.04	6.260D 04
972.54	1.714D 07	1922.32	3.692D 08	3687.64	1.407D 08	3889.05	7.594D 07	39024.39	3.704D 04
981.32	6.926D 08	1980.00	3.505D 08	3689.19	1.405D 08	3902.80	1.462D 08	45573.51	2.019D 04
998.42	7.604D 08	1991.74	3.471D 08	3690.73	1.389D 08	3929.14	1.447D 08	50000.00	1.403D 04
1016.12	7.362D 08	2014.39	3.396D 08	3691.55	1.387D 08	3955.84	1.404D 08	54724.75	9.842D 03
1025.72	1.541D 07	2037.56	3.330D 08	3692.52	1.382D 08	3970.07	7.410D 07	66666.67	4.525D 03
1037.82	7.606D 08	2050.00	3.292D 08	3694.35	1.390D 08	3992.20	1.373D 08	85275.25	1.714D 03

T E F F = 16000.0    L O G ( G ) = 3.00    X = 0.01640    Y = 0.98360											
I	TAJ	TE	PG	PF	RHO	KAPZ	D F (%)	D T E	XH2	XHE2	XHE3
1	1.0003-08	1.1910 04	9.6580-05	4.8290-05	1.8740-16	1.0430-01	4.0320-01	-4.4160 01	1.0000 00	9.9990-01	1.0050-09
3	1.0003-07	1.1910 04	9.4880-04	4.7430-04	1.8420-15	1.0420-01	4.0320-01	-4.4180 01	1.0000 00	9.9940-01	1.0220-10
5	1.0003-06	1.1910 04	9.4930-03	4.7330-03	1.8470-14	1.0380-01	4.0320-01	-4.4300 01	1.0000 00	9.9420-01	1.0160-11
7	1.0003-05	1.1900 04	9.7100-02	4.7240-02	1.9360-13	9.9260-02	4.0320-01	-4.5550 01	1.0000 00	9.4420-01	9.4070-13
9	1.0003-04	1.1850 04	1.1950 00	4.6170-01	2.8610-12	6.8570-02	3.6360-01	-5.8200 01	9.9990-01	6.0480-01	4.7640-14
11	1.0003-03	1.1610 04	2.6670 01	4.1920 00	8.7180-11	2.7600-02	3.7680-01	-5.3190 01	9.9940-01	1.3410-01	9.7390-16
13	1.3593-03	1.1870 04	3.9510 01	5.7290 00	1.3160-10	2.7310-02	3.2210-01	-5.8370 01	9.9920-01	1.1420-01	7.9660-16
15	1.8483-03	1.1930 04	5.7120 01	7.7220 00	1.9130-10	2.8000-02	2.4320-01	-1.2990 01	9.9900-01	1.0010-01	7.1080-16
17	2.5123-03	1.1990 04	8.0280 01	1.0170 01	2.7010-10	2.9140-02	3.4860-01	-5.0600 01	9.9890-01	8.8140-02	6.3040-16
19	3.4153-03	1.2040 04	1.1040 02	1.3050 01	3.7390-10	3.0330-02	6.9100-01	-4.4700 01	9.9860-01	7.6330-02	5.1610-16
21	4.6423-03	1.2060 04	1.4990 02	1.6400 01	5.1150-10	3.1520-02	7.5320-01	-6.4780 01	9.9840-01	6.4490-02	3.8310-16
23	6.3103-03	1.2070 04	2.0130 02	2.0410 01	6.9260-10	3.3020-02	6.7430-01	-6.9660 01	9.9800-01	5.3770-02	2.7080-16
25	8.5773-03	1.2090 04	2.6730 02	2.5350 01	9.2490-10	3.5310-02	6.0300-01	-6.8960 01	9.9760-01	4.5250-02	1.9780-16
27	1.1663-02	1.2120 04	3.4990 02	3.1620 01	1.2130-09	3.8850-02	3.4380-01	-6.8290 01	9.9720-01	3.9470-02	1.6290-16
29	1.5853-02	1.2190 04	4.5050 02	3.9610 01	1.5580-09	4.4000-02	3.7390-02	-6.0740 01	9.9680-01	3.6370-02	1.6080-16
31	2.1543-02	1.2290 04	5.6910 02	4.9810 01	1.9520-09	5.1220-02	9.7750-02	-3.2520 01	9.9650-01	3.5860-02	1.9770-16
33	2.9293-02	1.2420 04	7.0620 02	6.2660 01	2.3940-09	6.0810-02	1.6250-01	-4.6390 01	9.9630-01	3.7420-02	2.9100-16
35	3.9813-02	1.2570 04	8.6210 02	7.8500 01	2.8800-09	7.3000-02	5.2970-01	-2.4010 01	9.9610-01	4.0420-02	4.7570-16
37	5.4123-02	1.2740 04	1.0370 03	9.8120 01	3.4040-09	8.7000-02	6.1750-01	-2.1960 01	9.9590-01	4.5070-02	8.5830-16
39	7.3563-02	1.2930 04	1.2310 03	1.2260 02	3.9590-09	1.0920-01	7.9940-01	-1.9670 01	9.9570-01	5.1610-02	1.6880-15
41	1.0003-01	1.3150 04	1.4420 03	1.5420 02	4.5240-09	1.3770-01	7.3280-01	-2.0530 01	9.9560-01	6.1310-02	3.7660-15
43	1.2593-01	1.3360 04	1.6070 03	1.8430 02	4.9260-09	1.6740-01	5.2010-01	-5.6910 01	9.9560-01	7.1760-02	7.6040-15
45	1.5853-01	1.3560 04	1.7770 03	2.2160 02	5.3000-09	2.0740-01	4.5730-01	-5.4530 01	9.9560-01	8.5630-02	1.6530-14
47	1.9953-01	1.3800 04	1.9460 03	2.6870 02	5.6180-09	2.6320-01	1.2080 00	-9.9170 01	9.9570-01	1.0450-01	3.9260-14
49	2.5123-01	1.4070 04	2.1110 03	3.2820 02	5.8560-09	3.4220-01	4.9920-01	-5.8210 01	9.9590-01	1.2990-01	2.8860-13
51	3.1623-01	1.4380 04	2.2670 03	4.0420 02	5.9380-09	4.5680-01	9.9660-01	-5.2260 01	9.9620-01	1.6500-01	2.8860-13
53	3.9813-01	1.4730 04	2.4110 03	5.0080 02	5.9930-09	6.2450-01	2.0370 00	-1.4130 01	9.9650-01	2.1320-01	9.0510-13
55	5.0123-01	1.5110 04	2.5400 03	6.1840 02	5.8760-09	8.6010-01	6.9430 00	-4.1880 00	9.9680-01	2.7680-01	3.0140-12
57	6.3103-01	1.5530 04	2.6550 03	7.5690 02	5.6460-09	1.1790 00	4.6910 00	-4.4920 00	9.9730-01	3.5890-01	1.0660-11
59	7.9433-01	1.5990 04	2.7590 03	9.1040 02	5.3400-09	1.5760 00	5.4110 00	-2.6160 01	9.9770-01	4.5890-01	3.9120-11
61	1.0003 00	1.6480 04	2.8550 03	1.0660 03	5.0180-09	2.0070 00	3.4420 00	-3.6050 01	9.9810-01	5.6880-01	1.4260-10
63	1.2593 00	1.6980 04	2.9510 03	1.2100 03	4.7370-09	2.3950 00	2.5810 00	-4.6250 01	9.9840-01	6.7500-01	5.0220-10
65	1.5853 00	1.7490 04	3.0540 03	1.3360 03	4.5390-09	2.6730 00	9.9290 00	-4.2290 01	9.9850-01	7.6300-01	1.6250-09
67	1.9953 00	1.8050 04	3.1730 03	1.4570 03	4.3930-09	2.8560 00	2.0330 01	-1.0730 02	9.9860-01	8.3870-01	5.4800-09
69	2.5123 00	1.8710 04	3.3160 03	1.5760 03	4.2990-09	2.9270 00	1.7360 01	-1.9750 02	9.9870-01	8.9910-01	2.0140-08
71	3.1623 00	1.9350 04	3.4930 03	1.6930 03	4.2990-09	2.9190 00	8.4330 00	-2.6240 02	9.9890-01	9.3630-01	6.5290-08
73	3.9813 00	2.0020 04	3.7260 03	1.8270 03	4.3850-09	2.8850 00	1.2890 00	-2.4150 02	9.9900-01	9.5950-01	1.9910-07
75	5.0123 00	2.0760 04	4.0290 03	1.9190 03	4.5380-09	2.8350 00	3.7530 00	-2.2750 02	9.9910-01	9.7500-01	6.2670-07
77	6.3103 00	2.1440 04	4.4210 03	2.1930 03	4.8010-09	2.8310 00	1.5590 01	-2.3950 02	9.9920-01	9.8330-01	1.6470-06
79	7.9433 00	2.2200 04	4.9170 03	2.4460 03	5.1450-09	2.6370 00	2.9370 01	-3.8460 02	9.9930-01	9.8890-01	4.4120-06
81	1.0003 01	2.3070 04	5.5460 03	2.7640 03	5.5730-09	2.8430 00	2.3100 01	-5.5900 02	9.9930-01	9.9290-01	1.2640-05
83	1.2593 01	2.4000 04	6.3390 03	3.1620 03	6.1170-09	2.8740 00	3.7980-01	-6.4950 02	9.9940-01	9.9540-01	3.5130-05
85	1.5853 01	2.4910 04	7.3240 03	3.6570 03	6.8040-09	2.9530 00	4.0910 00	-5.4420 02	9.9950-01	9.9680-01	8.7470-05
87	1.9953 01	2.5900 04	8.5330 03	4.2620 03	7.6200-09	3.0430 00	1.9030 00	-4.7040 02	9.9950-01	9.9730-01	2.1910-04
89	2.5123 01	2.6880 04	1.0010 04	4.9990 03	8.6090-09	3.1780 00	-2.1850 01	-2.9630 02	9.9950-01	9.9740-01	4.9690-04
91	3.1623 01	2.8000 04	1.1790 04	5.8930 03	9.7300-09	3.3060 00	-1.7590 01	-7.8260 01	9.9950-01	9.9710-01	1.1990-03
93	3.9813 01	2.9170 04	1.3940 04	6.9750 03	1.1040-08	3.4700 00	-1.4220 01	1.0320 02	9.9950-01	9.9580-01	2.7520-03
95	5.0123 01	3.0390 04	1.6500 04	8.2700 03	1.2520-08	3.6820 00	-1.1960 01	2.4240 02	9.9950-01	9.9270-01	6.1250-03
97	6.3103 01	3.1680 04	1.9510 04	9.8130 03	1.4150-08	3.9740 00	-1.2650 01	3.4230 02	9.9950-01	9.8580-01	1.3280-02
99	7.9433 01	3.3050 04	2.2950 04	1.1620 04	1.5840-08	4.4190 00	-1.1420 01	4.5260 02	9.9950-01	9.7130-01	2.7950-02

TEFF = 16000.0 LOG(G) = 3.00 X = 0.01640 Y = 0.98360									
_LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.557D 03	1061.56	8.299D 08	2050.00	3.292D 03	3696.18	1.320D 08	4034.83	1.340D 08
546.43	6.484D 03	1086.41	8.248D 08	2127.72	3.088D 03	3697.15	1.320D 08	4078.38	1.282D 08
649.38	8.432D 04	1100.00	8.175D 08	2292.47	2.699D 03	3698.31	1.317D 08	4101.73	6.688D 07
800.11	9.403D 05	1112.26	8.122D 08	2484.88	2.314D 03	3700.50	1.318D 08	4141.06	1.229D 08
911.76	3.033D 06	1136.26	7.974D 08	2600.00	2.120D 03	3702.69	1.288D 08	4217.72	1.161D 08
911.76	3.032D 06	1161.33	7.776D 08	2600.00	2.120D 03	3703.85	1.286D 08	4297.27	1.090D 08
913.07	3.642D 06	1175.00	7.659D 08	2677.27	2.085D 03	3705.25	1.290D 08	4340.46	5.922D 07
915.54	3.886D 06	1181.83	7.612D 08	2837.09	1.829D 03	3707.91	1.306D 08	4422.28	9.930D 07
918.03	4.176D 06	1194.99	7.440D 08	3017.20	1.596D 03	3710.56	1.263D 08	4586.15	8.807D 07
919.35	4.349D 06	1208.45	6.445D 08	3121.75	1.476D 03	3711.97	1.252D 08	4762.63	7.759D 07
919.63	4.381D 06	1215.57	3.597D 07	3121.76	1.499D 03	3713.69	1.271D 08	4861.32	4.407D 07
920.16	4.411D 06	1216.42	3.611D 07	3169.76	1.446D 03	3716.95	1.306D 08	4892.89	7.045D 07
920.68	4.515D 06	1217.83	1.323D 08	3264.93	1.349D 03	3720.21	1.215D 08	4953.86	6.792D 07
920.96	4.585D 06	1219.25	3.792D 08	3365.99	1.254D 03	3721.94	1.177D 08	5016.38	6.517D 07
921.34	4.640D 06	1220.00	4.737D 08	3421.87	1.207D 03	3724.08	1.239D 08	5050.00	6.375D 07
923.06	4.669D 06	1223.41	6.475D 08	3421.87	1.475D 03	3728.14	1.323D 08	5123.58	6.066D 07
922.77	4.816D 06	1229.92	7.055D 08	3458.74	1.429D 03	3732.22	1.189D 08	5269.12	5.521D 07
923.15	4.831D 06	1236.50	7.143D 08	3530.87	1.344D 03	3734.37	1.100D 08	5423.16	5.009D 07
924.69	5.324D 06	1240.00	7.150D 08	3606.08	1.261D 03	3737.09	1.233D 08	5508.11	4.753D 07
925.69	5.311D 06	1249.96	7.120D 08	3647.05	1.220D 03	3742.24	1.366D 08	5665.32	4.320D 07
926.22	5.393D 06	1269.29	6.999D 08	3647.05	1.170D 03	3747.42	1.166D 08	5989.38	3.575D 07
927.00	5.492D 06	1289.23	6.856D 08	3649.67	1.167D 03	3753.67	1.234D 08	6352.76	2.921D 07
928.48	6.505D 06	1300.00	6.777D 08	3654.64	1.167D 03	3753.67	1.234D 08	6562.80	1.932D 07
929.96	5.829D 06	1316.23	5.673D 08	3659.62	1.175D 03	3760.36	1.435D 08	6797.77	2.312D 07
930.75	5.932D 06	1348.15	5.447D 08	3662.26	1.183D 03	3767.08	1.203D 08	7292.74	1.812D 07
931.96	6.466D 06	1400.00	5.155D 08	3670.98	1.194D 03	3770.63	8.927D 07	7865.45	1.393D 07
934.26	1.488D 07	1419.35	5.983D 08	3676.71	1.240D 03	3775.31	1.294D 08	8205.87	1.271D 07
936.58	7.552D 06	1457.53	5.750D 08	3679.74	1.247D 03	3784.22	1.496D 08	8205.87	1.207D 07
937.80	6.953D 06	1497.83	5.552D 08	3680.27	1.345D 03	3797.90	8.096D 07	8862.47	1.016D 07
939.84	1.504D 07	1520.00	5.444D 08	3681.28	1.347D 03	3804.32	1.525D 08	10448.64	5.543D 06
943.74	1.230D 08	1545.12	5.263D 08	3682.28	1.349D 03	3816.55	1.525D 08	12726.36	2.665D 06
947.66	2.058D 07	1595.10	5.034D 08	3682.81	1.350D 03	3828.85	1.355D 08	14380.00	1.688D 06
949.74	7.777D 06	1648.41	4.779D 08	3683.50	1.350D 03	3835.33	7.769D 07	15890.88	1.191D 06
953.60	1.602D 08	1678.00	4.654D 08	3684.82	1.351D 03	3844.54	1.437D 08	19843.04	5.108D 05
961.00	4.787D 08	1723.39	4.434D 08	3686.13	1.350D 03	3862.03	1.512D 08	26411.82	1.717D 05
968.52	3.270D 08	1816.53	4.075D 08	3686.83	1.350D 03	3879.67	1.405D 08	32000.00	8.163D 04
972.54	1.070D 07	1920.32	3.694D 08	3687.64	1.349D 03	3889.05	7.427D 07	34121.04	6.372D 04
981.32	6.466D 08	1980.00	3.510D 08	3689.19	1.347D 03	3890.80	1.438D 08	39024.39	3.776D 04
998.42	7.792D 08	1991.74	3.469D 08	3690.73	1.340D 03	3902.80	1.450D 08	45573.51	2.062D 04
1016.12	7.184D 08	2014.39	3.404D 08	3691.55	1.341D 03	3955.84	1.389D 08	50000.00	1.434D 04
1025.72	1.340D 07	2037.56	3.328D 08	3692.52	1.338D 03	3970.07	7.156D 07	54724.75	1.007D 04
1037.82	7.676D 08	2050.00	3.232D 08	3694.35	1.337D 03	3992.20	1.372D 08	66666.67	4.636D 03
								85275.25	1.758D 03

TEFF = 16000.0 LOG(G) = 3.50 X = 0.01640 Y = 0.98360

I	TAJ	TF	PG	PF	RHD	KAPZ	D= (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.1200 04	3.0820-04	1.5400-04	6.3620-16	1.0420-01	3.5720-02	5.4300 01	1.0000 00	9.9900-01	9.4760-12
3	1.0000-07	1.1190 04	3.0400-03	1.5130-03	6.3050-15	1.0330-01	3.5720-02	5.4830 01	1.0000 00	9.9010-01	9.2980-13
5	1.0000-06	1.1180 04	3.1620-02	1.5080-02	6.8340-14	9.5290-02	3.6710-02	5.2780 01	1.0000 00	9.0630-01	7.9310-14
7	1.0000-05	1.0730 04	5.7560-01	1.3240-01	1.9090-12	3.1750-02	3.1710-02	6.7500 01	9.9990-01	2.5210-01	2.0730-16
9	1.0000-04	1.0580 04	2.6180 01	1.8750 00	1.0610-10	1.0200-02	3.3280-02	2.0950 02	9.9840-01	1.5730-02	3.9990-19
11	1.0000-03	1.1260 04	2.1100 02	1.4450 01	8.0720-10	2.0200-02	3.8580-01	-3.4960 01	9.9580-01	1.2020-02	1.6240-18
13	1.3590-03	1.1300 04	2.6520 02	1.7910 01	1.0110-09	2.2610-02	1.2560 00	-7.9210 01	9.9510-01	1.0880-02	1.5100-18
15	1.8680-03	1.1260 04	3.2970 02	2.1510 02	1.2650-09	2.4930-02	-3.2170-02	-3.1860 01	9.9380-01	8.1610-03	7.5210-19
17	2.5120-03	1.1220 04	4.0930 02	2.6000 01	1.5790-09	2.8040-02	2.0910-01	2.1630 01	9.9220-01	6.1870-03	3.9080-19
19	3.4150-03	1.1280 04	5.0400 02	3.1850 01	1.9340-09	3.2080-02	-5.1110-01	-1.0980 01	9.9130-01	5.8370-03	4.0780-19
21	4.6420-03	1.1350 04	6.1640 02	3.8850 01	2.3510-09	3.6790-02	4.5050 00	2.0680 01	9.9050-01	5.6920-03	4.6940-19
23	6.3100-03	1.1450 04	7.4950 02	4.7340 01	2.8340-09	4.2300-02	3.7650 00	-8.3640 00	9.8990-01	5.8980-03	6.5230-19
25	8.5770-03	1.1580 04	9.0620 02	5.7720 01	3.3870-09	4.8780-02	1.5340 00	2.7080 01	9.8980-01	6.5530-03	1.1270-18
27	1.1660-02	1.1720 04	1.0910 03	7.0350 01	4.0230-09	5.6450-02	2.0950 00	1.4280 01	9.8990-01	7.5200-03	2.1520-18
29	1.5950-02	1.1880 04	1.3080 03	8.5660 01	4.7550-09	6.5530-02	1.7420-01	1.0580 01	9.9000-01	8.7480-03	4.2810-18
31	2.1540-02	1.2040 04	1.5600 03	1.0430 02	5.5860-09	7.6390-02	3.3060-02	1.4840 01	9.9030-01	1.0350-02	8.9610-18
33	2.9990-02	1.2210 04	1.8530 03	1.2720 02	6.5240-09	8.9750-02	1.8050-02	1.0310 01	9.9070-01	1.2550-02	2.0380-17
35	3.9810-02	1.2420 04	2.1920 03	1.5560 02	7.5750-09	1.0640-01	4.5690-01	1.4410 01	9.9100-01	1.5400-02	4.8110-17
37	5.4120-02	1.2630 04	2.5770 03	1.9070 02	8.7290-09	1.2730-01	4.2050-01	-1.8950 00	9.9140-01	1.9120-02	1.1830-16
39	7.3560-02	1.2860 04	3.0110 03	2.3470 02	9.9770-09	1.5450-01	-2.1720-01	-3.8110 00	9.9150-01	2.4060-02	3.0540-16
41	1.0000-01	1.3120 04	3.4920 03	2.9200 02	1.1270-08	1.9210-01	8.9390-02	-5.0800 01	9.9170-01	3.1200-02	8.7690-16
43	1.2590-01	1.3330 04	3.8770 03	3.4620 02	1.2240-08	2.3020-01	3.2660-01	-3.3830 01	9.9200-01	3.8430-02	2.0410-15
45	1.5850-01	1.3560 04	4.2780 03	4.1320 02	1.3170-08	2.8090-01	2.9370 00	-7.8561 01	9.9230-01	4.7880-02	4.9740-15
47	1.9950-01	1.3820 04	4.6840 03	4.9910 02	1.3990-08	3.5200-01	3.4200 00	-5.9760 01	9.9310-01	6.1000-02	1.3250-14
49	2.5120-01	1.4100 04	5.0870 03	6.0740 02	1.4680-08	4.5200-01	3.7540 00	-6.8480 01	9.9310-01	7.8400-02	3.6900-14
51	3.1620-01	1.4420 04	5.4740 03	7.4870 02	1.5140-08	5.9910-01	2.5490 00	-5.2300 01	9.9370-01	1.0270-01	1.1270-13
53	3.9810-01	1.4770 04	5.8360 03	9.2680 02	1.5360-08	8.1020-01	1.5660 00	-3.0310 01	9.9420-01	1.3500-01	3.5380-13
55	5.4120-01	1.5150 04	6.1680 03	1.1510 03	1.5300-08	1.1140 00	2.0950 00	-8.5190 00	9.9480-01	1.7830-01	1.1650-12
57	6.3100-01	1.5560 04	6.4660 03	1.4270 03	1.4960-08	1.5480 00	4.7700 00	-7.5510 00	9.9530-01	2.3570-01	4.0140-12
59	7.9430-01	1.6010 04	6.7150 03	1.7510 03	1.4330-08	2.1380 00	7.1240 00	-2.4930 01	9.9590-01	3.1000-01	1.4280-11
61	1.0000 00	1.6500 04	6.9730 03	2.1310 03	1.3560-08	2.9170 00	5.2710 00	-5.7430 01	9.9650-01	4.0300-01	5.2950-11
63	1.2590 00	1.7010 04	7.1950 03	2.5150 03	1.2720-08	3.7800 00	4.2060 00	-6.8550 01	9.9700-01	5.0680-01	1.9160-10
65	1.5950 00	1.7510 04	7.4150 03	2.8680 03	1.2000-08	4.5720 00	4.9970 00	-6.0170 01	9.9710-01	6.0620-01	6.2480-10
67	1.9950 00	1.8040 04	7.6480 03	3.2040 03	1.1380-08	5.2740 00	2.0930 01	-1.1300 02	9.9730-01	7.0270-01	2.0210-09
69	2.5120 00	1.8640 04	7.9060 03	3.5270 03	1.0860-08	5.8020 00	1.5230 01	-1.9160 02	9.9760-01	7.9270-01	6.9510-09
71	3.1620 00	1.9300 04	8.2090 03	3.8260 03	1.0500-08	6.0760 00	1.2520 01	-2.45750 02	9.9790-01	8.6430-01	2.4070-09
73	3.9810 00	1.9990 04	8.5850 03	4.1130 03	1.0330-08	6.1200 00	2.1360 00	-2.4890 02	9.9820-01	9.1460-01	8.1220-08
75	5.4120 00	2.0690 04	9.0640 03	4.4130 03	1.0390-08	6.0550 00	2.3060 00	-2.3030 02	9.9840-01	9.4560-01	2.4610-07
77	6.3100 00	2.1350 04	9.6900 03	4.7560 03	1.0660-08	5.9950 00	2.5910 01	-2.7070 02	9.9860-01	9.6350-01	6.4390-07
79	7.9430 00	2.2100 04	1.0470 04	5.1770 03	1.1070-08	5.9040 00	3.6350 01	-4.5260 02	9.9870-01	9.7650-01	1.8010-06
81	1.0000 01	2.2940 04	1.1490 04	5.7030 03	1.1650-08	5.8150 00	3.1490 01	-6.6450 02	9.9890-01	9.8510-01	5.1620-06
83	1.2590 01	2.3850 04	1.2790 04	6.3680 03	1.2450-08	5.7610 00	-2.0450 00	-7.7540 02	9.9900-01	9.9050-01	1.4700-05
85	1.5950 01	2.4840 04	1.4460 04	7.2080 03	1.3490-08	5.7570 00	-2.5070 00	-6.6460 02	9.9920-01	9.9390-01	4.0810-05
87	1.9950 01	2.5740 04	1.6540 04	8.2500 03	1.4880-08	5.8930 00	2.5090 00	-5.8650 02	9.9920-01	9.9530-01	9.5360-05
89	2.5120 01	2.6640 04	1.9080 04	9.5240 03	1.6580-08	6.1090 00	-2.3410 01	-3.8880 02	9.9920-01	9.9590-01	2.0660-04
91	3.1620 01	2.7710 04	2.2180 04	1.1080 04	1.8520-08	6.2960 00	-1.3200 01	-1.4840 02	9.9920-01	9.9640-01	4.8830-04
93	3.9810 01	2.8910 04	2.5980 04	1.2980 04	2.0780-08	6.4900 00	-1.3380 01	3.6410 01	9.9930-01	9.9630-01	1.1930-03
95	5.4120 01	3.0160 04	3.0590 04	1.5300 04	2.3430-08	6.7660 00	-1.1210 01	1.6640 02	9.9930-01	9.9530-01	2.7770-03
97	6.3100 01	3.1380 04	3.6110 04	1.8090 04	2.6540-08	7.1940 00	-1.1190 01	2.8110 02	9.9930-01	9.9260-01	5.8380-03
99	7.9430 01	3.2660 04	4.2600 04	2.1400 04	2.9990-08	7.7560 00	-1.1020 01	3.9040 02	9.9930-01	9.8680-01	1.1950-02



TIME = 16000.0 LOG(G) = 3.50 X = 0.01640 Y = 0.98360

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	8.6340 00	1061.56	8.4120 08	2050.00	3.3950 08	3696.18	1.1970 08	4034.83	1.3460 08
546.43	3.9450 02	1086.41	8.5110 08	2127.72	3.1570 08	3697.15	1.1960 08	4078.38	1.2720 08
649.38	5.7820 03	1100.00	8.4870 08	2292.47	2.7470 08	3698.31	1.1940 08	4101.73	5.6600 07
800.11	1.9450 05	1112.26	8.5100 08	2484.88	2.3380 08	3700.50	1.1940 08	4141.06	1.2320 08
911.76	7.9080 05	1136.26	8.3150 08	2600.00	2.1330 08	3702.69	1.1740 08	4217.72	1.1690 08
911.76	7.8600 05	1161.33	8.1080 08	2600.00	2.1330 08	3703.85	1.1710 08	4297.27	1.0920 08
913.07	6.7610 05	1175.00	7.9610 08	2677.27	2.0740 08	3705.25	1.1720 08	4340.46	5.0750 07
915.54	9.7840 05	1181.83	7.9500 08	2837.99	1.8120 08	3707.91	1.1800 08	4422.28	9.9730 07
918.03	1.3120 06	1194.99	7.5900 08	3017.20	1.5700 08	3710.56	1.1470 08	4586.15	8.8440 07
919.35	1.4250 06	1208.45	5.2930 08	3121.75	1.4480 08	3711.97	1.1400 08	4762.63	7.7810 07
919.63	1.4630 06	1215.57	1.7650 07	3121.76	1.4460 08	3713.69	1.1510 08	4861.32	3.7630 07
920.15	1.4790 06	1215.42	1.7630 07	3169.76	1.4120 08	3715.95	1.1720 08	4892.89	7.0100 07
920.68	1.5920 06	1217.83	4.0820 07	3264.93	1.3150 08	3720.21	1.1080 08	4953.86	6.8070 07
920.96	1.6020 06	1219.25	1.6000 08	3365.39	1.2200 08	3721.94	1.0830 08	5016.38	6.5340 07
921.34	1.6060 06	1220.00	2.5280 08	3421.87	1.1700 08	3724.08	1.1250 08	5050.00	6.3920 07
922.06	1.6170 06	1223.41	5.5040 08	3421.87	1.3520 08	3728.14	1.1800 08	5123.58	6.0820 07
922.77	1.7020 06	1229.92	6.9740 08	3458.74	1.3100 08	3732.22	1.0770 08	5269.12	5.5290 07
923.15	1.7320 06	1236.50	7.3350 08	3530.87	1.2290 08	3734.37	1.0100 08	5423.16	5.0110 07
923.69	1.8000 06	1240.00	7.3940 08	3606.08	1.1540 08	3737.09	1.1100 08	5508.11	4.7510 07
924.69	1.9340 06	1249.96	7.4310 08	3647.95	1.1160 08	3742.24	1.2100 08	5665.32	4.3140 07
925.69	1.9310 06	1269.29	7.3060 08	3647.95	1.0610 08	3747.42	1.0370 08	5989.38	3.5640 07
926.22	1.9710 06	1289.23	7.1670 08	3649.67	1.0570 08	3750.15	8.8800 07	6352.76	2.9060 07
927.00	2.0160 06	1300.00	7.0890 08	3654.54	1.0580 08	3753.67	1.0980 08	6562.80	1.6710 07
928.48	2.5810 06	1316.23	6.9810 08	3659.62	1.0650 08	3760.36	1.2760 08	6797.77	2.2970 07
929.96	2.1750 06	1348.15	6.7420 08	3662.26	1.0700 08	3767.08	1.0520 08	7292.74	1.7990 07
930.75	2.2100 06	1381.65	6.5030 08	3665.27	1.0800 08	3770.63	7.9320 07	7865.45	1.3780 07
931.95	2.4630 06	1400.00	6.3960 08	3670.38	1.1020 08	3775.31	1.1390 08	8205.87	1.2340 07
936.58	2.9600 06	1419.35	6.2500 08	3676.71	1.1240 08	3784.22	1.3650 08	8205.87	1.2000 07
937.80	2.6790 06	1497.83	5.7640 08	3680.27	1.1890 08	3797.90	6.9920 07	10448.64	5.4890 06
939.84	4.5310 06	1520.00	5.6400 08	3681.28	1.1920 08	3804.32	1.1990 08	12726.36	2.6240 06
943.74	1.9230 07	1545.12	5.4810 08	3682.28	1.1980 08	3816.55	1.4440 08	14380.00	1.6560 06
947.66	5.4570 06	1595.10	5.2150 08	3682.81	1.1990 08	3828.85	1.1920 08	15890.88	1.1700 06
949.74	3.0500 06	1648.41	4.9420 08	3683.50	1.2010 08	3835.38	6.6330 07	19843.04	4.9850 05
953.60	2.5410 07	1678.00	4.8100 08	3684.82	1.2030 08	3844.54	1.3160 08	26411.82	1.6650 05
961.00	2.4110 08	1723.39	4.5820 08	3686.13	1.2050 08	3862.03	1.4770 08	32000.00	7.8630 04
968.52	9.4430 07	1816.53	4.1960 08	3686.83	1.2070 08	3879.67	1.2850 08	34121.04	6.1180 04
972.54	4.3150 06	1920.32	3.8050 08	3687.64	1.2070 08	3889.05	6.2880 07	39024.39	3.6140 04
981.32	4.4030 08	1980.00	3.6100 08	3689.19	1.2080 08	3902.80	1.3770 08	34121.04	1.9630 04
998.42	6.9200 08	1991.74	3.5720 08	3690.73	1.2070 08	3925.14	1.4450 08	50000.00	1.3610 04
1016.12	5.5360 08	2014.39	3.5030 08	3691.55	1.2070 08	3955.84	1.3430 08	54724.75	9.5160 03
1025.72	5.6960 06	2037.56	3.4310 08	3692.52	1.2060 08	3970.07	6.0910 07	66566.67	4.3660 03
1037.82	6.7150 08	2050.00	3.3950 08	3694.35	1.2060 08	3992.20	1.3590 08	85275.25	1.6440 03

TEFF = 16000.0 LOG(G) = 4.00 X = 0.01640 Y = 0.98360

I	TAU	TE	PG	PE	RHO	KAPZ	D=(%)	3 TE	XH2	XHE2	XHE3
1	1.0000-08	1.1700 04	9.7730-04	4.8840-04	1.9320-15	1.0420-01	1.3480-01	-2.44550 01	1.0000 00	9.9900-01	3.6290-11
3	1.0000-07	1.1690 04	9.6380-03	4.7980-03	1.9130-14	1.0340-01	1.3480-01	-2.44770 01	1.0000 00	9.9050-01	3.6310-12
5	1.0000-06	1.1670 04	9.9960-02	4.7760-02	2.0660-13	9.5870-02	1.3480-01	-2.77050 01	1.0000 00	9.9930-01	3.0550-13
7	1.0000-05	1.1450 04	1.5000 00	4.4760-01	4.2650-12	4.6550-02	1.3480-01	-6.29000 01	9.9990-01	3.8720-01	4.5990-15
9	1.0000-04	1.0780 04	7.2020 01	4.8500 00	2.8800-10	1.2380-02	1.7440-01	1.4860 02	9.9700-01	1.0530-02	3.2070-19
11	1.0000-03	1.1100 04	2.9720 02	2.9720 02	1.8860-09	3.0940-02	1.1110 00	-2.5120 01	9.8940-01	3.9840-03	1.1500-19
13	1.3590-03	1.1110 04	5.9070 02	3.5990 01	2.3080-09	3.1550-02	-1.51970 00	1.7060 01	9.8750-01	3.3640-03	8.3940-20
15	1.8480-03	1.1170 04	7.1830 02	4.3650 01	2.7910-09	4.0860-02	-1.6530 00	-7.1760 01	9.8620-01	3.2400-03	9.2360-20
17	2.5120-03	1.1210 04	8.6910 02	5.2520 01	3.3670-09	4.7010-02	-5.1330-01	-3.6630 01	9.8440-01	2.9600-03	8.5610-20
19	3.4640-03	1.1290 04	1.0480 03	6.3280 01	4.0300-09	5.4010-02	8.0940-01	-4.9830 00	9.8340-01	2.9960-03	1.0920-19
21	4.6420-03	1.1410 04	1.2590 03	7.6360 01	4.7910-09	6.1940-02	7.1950 00	-1.8710 01	9.8320-01	3.3120-03	1.8340-19
23	6.3100-03	1.1560 04	1.5090 03	9.2320 01	5.6660-09	7.1060-02	1.6760 01	1.8050 01	9.8360-01	3.9080-03	3.7830-19
25	8.5770-03	1.1720 04	1.8050 03	1.1170 02	6.6800-09	8.1740-02	9.2110 00	-1.0480 01	9.8420-01	4.7040-03	8.3060-19
27	1.1660-02	1.1900 04	2.1550 03	1.3530 02	7.8460-09	9.4380-02	4.0470 00	2.6610 01	9.8490-01	5.7950-03	1.9620-18
29	1.5850-02	1.2070 04	2.5650 03	1.6370 02	9.1950-09	1.0930-01	2.2330 00	-1.5420 01	9.8540-01	7.0040-03	4.3600-18
31	2.1540-02	1.2240 04	3.0460 03	1.9790 02	1.0750-08	1.2710-01	-5.0410-01	-8.9260 00	9.8580-01	8.3580-03	9.3060-18
33	2.9290-02	1.2410 04	3.6070 03	2.3870 02	1.2550-08	1.4800-01	-4.4350-01	-7.3040 00	9.8620-01	9.8140-03	1.8640-17
35	3.9810-02	1.2580 04	4.2610 04	2.8790 02	1.4590-08	1.7290-01	-6.2180-01	-1.3070 01	9.8640-01	1.1510-02	3.8050-17
37	5.4120-02	1.2950 04	5.0210 03	3.4750 02	1.6930-08	2.0280-01	-4.4680-01	-1.6850 01	9.8640-01	1.3540-02	7.7530-17
39	7.3560-02	1.2950 04	5.9890 03	4.2020 02	1.9550-08	2.3930-01	-5.4050-01	-2.8840 01	9.8630-01	1.6040-02	1.6160-16
41	1.0000-01	1.3160 04	6.9030 03	5.1200 02	2.2430-08	3.3250-01	-1.4280 00	-2.5840 01	9.8650-01	1.9660-02	3.7850-16
43	1.2590-01	1.3570 04	7.3800 03	5.9840 02	2.4710-08	3.9240-01	-1.5390 00	-3.9650 01	9.8650-01	2.3990-02	7.9490-16
45	1.5850-01	1.3570 04	8.6350 04	7.0510 02	2.7010-08	4.7430-01	-2.7660-01	-4.0900 01	9.8620-01	3.6680-02	4.6060-15
47	1.9950-01	1.3810 04	9.5800 03	8.4050 02	2.9240-08	5.8780-01	-3.6420-01	-2.6080 01	9.8900-01	4.7290-02	1.2610-14
49	2.5120-01	1.4090 04	1.0550 04	1.0130 03	3.1120-08	7.5120-01	-9.5460-02	-3.8030 01	9.8980-01	6.2280-02	3.7680-14
51	3.1620-01	1.4400 04	1.1510 04	1.2350 04	3.2980-08	9.9640-01	5.3750-01	-3.0890 01	9.9070-01	8.3650-02	1.2340-13
53	3.9810-01	1.4750 04	1.2440 04	1.5320 03	3.4190-08	1.3630 00	5.0020 00	-1.7750 01	9.9160-01	1.1340-01	4.2860-13
55	5.0120-01	1.5140 04	1.3320 04	1.9180 03	3.4790-08	1.9010 00	3.7380 00	-2.6710 01	9.9250-01	1.5360-01	1.5300-12
57	6.3100-01	1.5550 04	1.4110 04	2.4100 03	3.4750-08	2.6630 00	7.9000 00	-5.1560 01	9.9440-01	2.0650-01	5.4900-12
59	7.9430-01	1.6010 04	1.4800 04	3.0130 03	3.4020-08	3.7140 00	4.0340 00	-6.6160 01	9.9420-01	2.7410-01	1.9720-11
61	1.0000 00	1.6480 04	1.5430 04	3.7330 03	3.2800-08	5.0660 00	1.5210 00	-6.7350 01	9.9480-01	3.5690-01	7.0750-11
63	1.2590 00	1.6990 04	1.6030 04	4.5540 03	3.1230-08	5.0660 00	6.5080 00	-6.0650 01	9.9500-01	4.4700-01	2.3450-10
65	1.5850 00	1.7490 04	1.6570 04	5.3840 03	2.9560-08	6.5580 00	2.1210 01	-1.0990 02	9.9530-01	5.4710-01	2.8180-09
67	1.9950 00	1.8020 04	1.7100 04	6.2440 03	2.7840-08	8.1900 00	2.1210 01	-1.9320 02	9.9570-01	6.5710-01	2.8180-09
69	2.5120 00	1.8630 04	1.7640 04	7.1290 03	2.6070-08	9.8460 00	1.9710 01	-1.9320 02	9.9630-01	8.3770-01	3.4090-08
71	3.1620 00	1.9300 04	1.8220 04	7.9480 03	2.4600-08	1.1130 01	9.3920 00	-2.6770 02	9.9630-01	9.9310-01	1.0530-07
73	3.9810 00	1.9970 04	1.8890 04	8.6660 03	2.3650-08	1.1850 01	3.4600 00	-2.6050 02	9.9680-01	9.9820-01	2.4010-06
75	5.0120 00	2.0660 04	1.9700 04	9.3280 03	2.3190-08	1.2100 01	1.2300 01	-3.2410 02	9.9760-01	9.2860-01	2.8910-07
77	6.3100 00	2.1330 04	2.0680 04	9.9830 03	2.3180-08	1.1940 01	3.3680 01	-5.2200 02	9.9790-01	9.5350-01	8.1030-07
79	7.9430 00	2.2070 04	2.1970 04	1.0740 04	2.3510-08	1.1940 01	3.3680 01	-5.2200 02	9.9790-01	9.5350-01	8.1030-07
81	1.0000 01	2.2920 04	2.3620 04	1.1640 04	2.4150-08	1.1660 01	3.3880 01	-7.7390 02	9.9820-01	9.7080-01	2.4010-06
83	1.2590 01	2.3630 04	2.5760 04	1.2770 04	2.5200-08	1.1410 01	-2.2040 00	-8.3670 02	9.9850-01	9.8160-01	6.9800-06
85	1.5850 01	2.4770 04	2.8510 04	1.4170 04	2.6700-08	1.1270 01	-9.7720-01	-7.1970 02	9.9870-01	9.8810-01	1.9060-05
87	1.9950 01	2.5670 04	3.1990 04	1.5930 04	2.8910-08	1.1340 01	4.1890 00	-6.4890 02	9.9880-01	9.9120-01	4.5750-05
89	2.5120 01	2.6600 04	3.6330 04	1.9110 04	3.1660-08	1.1550 01	-2.2610 01	-4.2000 02	9.9890-01	9.9290-01	1.0400-04
91	3.1620 01	2.7640 04	4.1700 04	2.0800 04	3.4940-08	1.1780 01	-1.9270 01	-1.8110 02	9.9890-01	9.9420-01	2.4430-04
93	3.9810 01	2.8820 04	4.8330 04	2.4120 04	3.8810-08	1.2030 01	-1.3600 01	3.6380 00	9.9890-01	9.9520-01	5.9740-04
95	5.0120 01	3.0080 04	5.6470 04	2.8210 04	4.3420-08	1.2400 01	-9.3590 00	1.2390 02	9.9900-01	9.9530-01	1.4170-03
97	6.3100 01	3.1270 04	6.6330 04	3.3170 04	4.9000-08	1.3050 01	-9.8090 00	2.3580 02	9.9900-01	9.9450-01	2.9530-03
99	7.9430 01	3.2500 04	7.8030 04	3.9090 04	5.5380-08	1.3880 01	-1.0310 01	3.3680 02	9.9900-01	9.9210-01	5.9050-03

TFFF = 16000.0 LOG(G) = 4.00 X = 0.01640 Y = 0.98300

_LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	2.305D 02	1061.56	8.234D 08	2050.00	3.480D 03	3696.18	1.145D 08	4034.83	1.338D 08
546.43	1.114C 03	1086.41	8.612D 08	2127.72	3.234D 03	3697.15	1.146D 08	4078.38	1.241D 08
649.38	1.836D 04	1100.00	8.624D 08	2292.47	2.805D 03	3698.31	1.147D 08	4101.73	5.497D 07
800.11	2.745D 05	1112.26	8.682D 08	2484.88	2.385D 03	3700.50	1.147D 08	4141.06	1.226D 08
911.76	1.081D 06	1136.26	8.527D 08	2600.00	2.172D 03	3702.69	1.140D 08	4217.72	1.171C 08
911.76	1.080D 06	1161.33	8.319D 08	2600.00	2.172D 03	3703.85	1.140D 08	4297.27	1.089C 08
913.07	1.266D 05	1175.00	8.175D 08	2677.27	2.099D 03	3705.25	1.141D 08	4340.46	4.935D 07
915.54	1.381D 06	1181.83	8.079D 08	2837.09	1.836D 03	3707.91	1.142D 08	4422.28	9.994D 07
918.03	1.471D 06	1194.99	7.508D 08	3017.20	1.590D 03	3710.53	1.126D 08	4586.15	8.874D 07
919.35	1.499D 06	1208.45	3.687D 08	3121.875	1.467D 03	3711.97	1.123D 08	4762.63	7.798D 07
919.63	1.508D 06	1215.67	1.583D 07	3121.76	1.481D 03	3713.69	1.127D 08	4861.32	3.693D 07
920.16	1.518D 06	1216.42	1.590D 07	3169.76	1.428D 03	3716.95	1.131D 08	4892.89	6.929D 07
920.63	1.516D 06	1217.83	3.084D 07	3264.93	1.330D 03	3720.21	1.099D 08	4953.86	6.818D 07
920.96	1.535D 06	1219.25	6.836D 07	3365.99	1.232D 03	3721.94	1.087D 08	5016.38	6.550D 07
921.34	1.576D 06	1220.00	1.152D 08	3421.97	1.182D 03	3724.08	1.105D 08	5050.00	6.408D 07
922.06	1.586D 06	1223.41	4.105D 08	3421.97	1.314D 03	3728.14	1.126D 08	5123.58	6.097D 07
922.77	1.623D 06	1229.92	6.575D 08	3458.74	1.274D 03	3732.22	1.065D 08	5269.12	5.547D 07
923.15	1.641D 06	1236.50	7.275D 08	3530.97	1.198D 03	3734.37	1.033D 08	5423.16	5.027D 07
923.63	1.643D 06	1240.00	7.423D 08	3606.08	1.127D 03	3737.09	1.081D 08	5508.11	4.767D 07
924.69	1.780D 06	1249.96	7.583D 08	3647.05	1.092D 03	3742.24	1.130D 08	5665.32	4.329D 07
925.69	1.775D 06	1269.29	7.539D 08	3647.05	1.040D 03	3747.42	1.016D 08	5989.38	3.578D 07
926.22	1.807D 06	1289.23	7.412D 08	3649.67	1.037D 03	3750.15	9.315D 07	6352.76	2.916D 07
927.00	1.846D 06	1300.00	7.338D 08	3654.64	1.035D 03	3753.67	1.054D 08	6562.80	1.645C 07
928.48	2.304D 06	1316.23	7.232D 08	3659.62	1.038D 03	3760.36	1.168D 08	6797.77	2.306D 07
929.96	1.941D 06	1348.15	6.985D 08	3662.26	1.041D 03	3767.08	9.987D 07	7292.74	1.807D 07
930.75	1.976D 06	1381.65	6.741D 08	3665.27	1.047D 03	3770.63	8.317D 07	7865.45	1.385D 07
931.96	2.204D 06	1400.00	6.622D 08	3670.98	1.058D 03	3775.31	1.063D 08	8205.87	1.228C 07
934.26	3.784D 06	1419.35	5.482D 08	3676.71	1.076D 03	3784.22	1.240D 08	8205.87	1.200D 07
936.58	2.624D 06	1457.53	6.207D 08	3679.74	1.084D 03	3793.16	9.942D 07	8862.47	1.010D 07
937.80	2.372D 06	1497.83	5.969D 08	3680.27	1.114D 03	3797.90	7.189D 07	10448.64	5.499D 06
939.84	3.970D 06	1520.00	5.843D 08	3681.28	1.117D 03	3804.32	1.088D 08	12726.36	2.636D 06
943.74	7.836D 06	1545.12	5.667D 08	3682.28	1.120D 03	3816.55	1.338D 08	14380.00	1.666D 06
947.66	4.666D 06	1595.10	5.381D 08	3682.81	1.122D 03	3828.85	1.067D 08	15890.88	1.174D 06
949.74	2.688D 06	1648.41	5.104D 08	3683.50	1.123D 03	3835.38	6.650D 07	19843.04	5.015D 05
953.60	9.727D 06	1678.00	4.956D 08	3684.82	1.128D 03	3844.54	1.190D 08	26411.82	1.678C 05
961.00	1.004D 08	1723.39	4.722D 08	3686.13	1.131D 03	3852.03	1.412D 08	32000.00	7.933D 04
968.52	2.525D 07	1816.53	4.319D 08	3686.83	1.133D 03	3879.67	1.156D 08	34121.04	6.177D 04
972.54	3.810D 06	1920.32	3.913D 08	3687.64	1.135D 03	3889.05	6.187D 07	39024.39	3.648C 04
991.32	2.639D 08	1980.00	3.704D 08	3689.19	1.139D 03	3902.80	1.281D 08	45573.51	1.979C 04
998.42	5.825D 08	1991.74	3.664D 08	3690.73	1.141D 03	3929.14	1.418D 08	50000.00	1.373D 04
1016.12	3.605D 08	2014.39	3.594D 08	3691.55	1.142D 03	3955.84	1.264D 08	54724.75	9.596D 03
1025.72	5.020D 06	2037.56	3.519D 08	3692.52	1.143D 03	3970.07	5.933D 07	66666.67	4.389D 03
1037.82	5.275D 08	2050.00	3.480D 08	3694.35	1.146D 03	3992.20	1.323D 08	85275.25	1.651D 03

TEFF = 16000.0 LOG(G) = 4.50 X = 0.01640 Y = 0.98360													
I	TAU	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3		
1	1.0000-08	1.1170 04	3.1070-03	1.5460-03	6.4600-15	1.0320-01	2.7030-02	6.0210 01	1.0000 00	9.8930-01	8.0170-13		
3	1.0000-07	1.1150 04	3.1910-02	1.5170-02	6.9380-14	9.4650-02	2.7030-02	5.7650 01	1.0000 00	8.9980-01	6.7690-14		
5	1.0000-06	1.0600 04	6.3500-01	1.2680-01	2.2160-12	2.6500-02	2.7030-02	3.0440 01	9.9950-01	1.9950-01	8.2610-17		
7	1.0000-05	1.0250 04	3.1140 01	1.9760 00	1.3150-10	9.3030-03	2.8990-02	-1.7730 02	9.9720-01	5.7680-03	1.8020-20		
9	1.0000-04	1.0680 04	2.2770 02	1.3810 01	9.2590-10	1.9460-02	2.8070-02	-1.2440 01	9.9050-01	2.8070-03	1.5400-20		
11	1.0000-03	1.0830 04	9.9130 02	5.7570 01	3.9830-09	5.4410-02	2.5170-01	-2.8700 01	9.7050-01	1.0360-03	3.6200-21		
13	1.3590-03	1.0880 04	1.1850 03	6.8580 01	4.7420-09	6.2470-02	6.3680-01	-3.0440 01	9.6760-01	9.8280-04	3.7270-21		
15	1.8480-03	1.0960 04	1.4160 03	8.1850 01	5.6220-09	7.1420-02	1.0120 00	-2.5890 01	9.6610-01	1.0250-03	5.1640-21		
17	2.5120-03	1.1080 04	1.6900 03	9.7900 01	6.8430-09	8.1430-02	1.0390 00	-2.3270 01	9.6600-01	1.1480-03	8.9680-21		
19	3.4150-03	1.1230 04	2.0180 03	1.1740 02	7.8240-09	9.2600-02	9.3400-01	-2.0170 01	9.6730-01	1.3890-02	1.9800-20		
21	4.6420-03	1.1390 04	2.4090 03	1.4110 02	9.2010-09	1.0540-01	9.0480-01	-1.6620 01	9.6910-01	1.7340-03	4.8360-20		
23	6.3100-03	1.1550 04	2.8760 03	1.6950 02	1.9930-08	1.2040-01	7.5060-01	-1.2890 01	9.7010-01	2.0860-03	1.0500-19		
25	8.5720-03	1.1710 04	3.4310 03	2.0370 02	1.2730-08	1.3770-01	7.2570-01	-1.0850 01	9.7140-01	2.5560-03	2.4170-19		
27	1.1660-02	1.1880 04	4.0890 03	2.4500 02	1.4950-08	1.5800-01	6.5100-01	-9.2920 00	9.7270-01	3.1260-03	5.5340-19		
29	1.5950-02	1.2050 04	4.8690 03	2.9470 02	1.7540-08	1.9170-01	5.7490-01	-8.2990 00	9.7370-01	3.7830-03	1.2250-18		
31	2.1540-02	1.2220 04	5.7880 03	3.5380 02	2.0560-08	2.0930-01	-6.5110-02	-8.2940 00	9.7440-01	4.4640-03	2.5020-18		
33	2.9290-02	1.2390 04	6.8720 03	4.2520 02	2.4050-08	2.4180-01	-9.5150-02	-7.9560 00	9.7520-01	5.3180-03	5.2720-18		
35	3.9810-02	1.2590 04	8.1470 03	5.1110 02	2.8080-08	2.8000-01	-2.7320-01	-4.7870-01	9.7940-01	2.2230-02	1.7130-15		
37	5.4120-02	1.2750 04	9.6390 03	6.1440 02	3.2720-08	3.2500-01	-1.3650-01	-7.3100 00	9.7610-01	7.5260-03	2.3190-17		
39	7.3560-02	1.2950 04	1.1380 04	7.9120 02	3.7970-08	3.7920-01	-2.3910-01	-5.4790 00	9.7660-01	9.1940-03	5.3010-17		
41	1.0000-01	1.3170 04	1.3410 04	8.9920 02	4.3880-08	4.4640-01	-4.4680-01	-3.8150 00	9.7740-01	1.1490-02	1.3090-16		
43	1.2590-01	1.3370 04	1.5120 04	1.0460 03	4.8650-08	5.0970-01	-3.3900-01	-2.0610 00	9.7840-01	1.4000-02	2.8510-16		
45	1.5850-01	1.3580 04	1.7090 04	1.2230 03	5.3660-08	5.8940-01	-2.7320-01	-4.7870-01	9.7940-01	2.2230-02	6.6460-16		
47	1.9950-01	1.3830 04	1.9020 04	1.4440 03	5.9740-08	6.9160-01	-1.4390-01	7.3890-01	9.8070-01	2.8890-02	4.7100-15		
49	2.5120-01	1.4100 04	2.1170 04	1.7210 03	6.3750-08	8.2970-01	-2.0990-01	1.7950 00	9.8210-01	2.8890-02	4.7100-15		
51	3.1620-01	1.4410 04	2.3390 04	2.0810 03	6.9360-08	1.0260 00	-2.7300-01	2.7940 00	9.8360-01	3.8540-02	1.4330-14		
53	3.9810-01	1.4750 04	2.5590 04	2.5480 03	7.2170-08	1.3080 00	-2.4110-01	3.4800 00	9.8520-01	5.2260-02	4.6820-14		
55	5.0120-01	1.5130 04	2.7740 04	3.1620 04	7.5050-08	1.7280 00	3.2930-03	3.5990 00	9.8660-01	7.1460-02	1.6120-13		
57	6.3100-01	1.5560 04	2.9750 04	3.9780 03	7.6570-08	2.3620 00	2.3360-01	3.7720 00	9.8810-01	9.8740-02	5.9100-13		
59	7.9430-01	1.6020 04	3.1580 04	5.0390 03	7.8580-08	3.3170 00	1.5050-01	2.0710 00	9.8950-01	1.3650-01	2.2420-12		
61	1.0000 00	1.6520 04	3.3210 04	6.3840 03	7.9050-08	4.7220 00	-1.3200-01	-4.8810-01	9.9090-01	1.8770-01	8.6770-12		
63	1.2590 00	1.7030 04	3.4660 04	7.9320 03	7.2550-08	6.5760 00	-4.3710-01	-3.9580-01	9.9170-01	2.5040-01	3.1370-11		
65	1.5850 00	1.7520 04	3.5990 04	9.4570 03	6.9710-08	8.7650 00	1.3510-01	1.9780 00	9.9190-01	3.2030-01	1.0050-10		
67	1.9950 00	1.8040 04	3.7260 04	1.1410 04	6.6200-08	1.1480 01	5.7800-01	1.4390 00	9.9220-01	4.0470-01	3.2820-10		
69	2.5120 00	1.8650 04	3.8470 04	1.3490 04	6.1900-08	1.8820 01	1.4380-01	-2.1150 00	9.9280-01	5.0980-01	1.1920-09		
71	3.1620 00	1.9210 04	3.9690 04	1.5570 04	5.7690-08	1.8170 01	-4.9420-01	-2.0980 00	9.9360-01	6.2270-01	4.3880-09		
73	3.9810 00	2.0000 04	4.0970 04	1.7470 04	5.4280-08	2.0810 01	-9.1700-01	-2.3680 00	9.9440-01	7.2680-01	1.5410-08		
75	5.0120 00	2.0680 04	4.2420 04	1.9100 04	5.2110-08	2.2480 01	-2.4690-01	2.1540 00	9.9520-01	8.0760-01	4.7810-08		
77	6.3100 00	2.1330 04	4.4160 04	2.0580 04	5.1080-08	2.3310 01	1.0540-01	3.6880 00	9.9590-01	8.6460-01	1.3020-07		
79	7.9430 00	2.2110 04	4.6250 04	2.2120 04	5.0430-08	2.3420 01	5.5330-01	-4.8150 00	9.9660-01	9.1180-01	3.9520-07		
81	1.0000 00	2.2940 04	4.8950 04	2.3810 04	5.2630-08	2.3090 01	-6.7410-01	-5.3020 00	9.9720-01	9.4390-01	1.1810-06		
83	1.2590 01	2.3620 04	5.2430 04	2.5760 04	5.1730-08	2.2580 01	1.5630 00	3.5820 00	9.9770-01	9.6420-01	3.3810-06		
85	1.5850 01	2.4790 04	5.6930 04	2.8160 04	5.3630-08	2.2020 01	1.3760-01	6.6360-01	9.9810-01	9.7740-01	9.7610-06		
87	1.9950 01	2.5690 04	6.2700 04	3.1110 04	5.6840-08	2.1870 01	5.1950-01	5.3620-01	9.9830-01	9.8370-01	2.3650-05		
89	2.5120 01	2.6600 04	6.9980 04	3.4780 04	6.1160-08	2.1990 01	5.2380-01	5.9020-01	9.9830-01	9.8730-01	5.3780-05		
91	3.1620 01	2.7660 04	7.9110 04	3.9380 04	6.6370-08	2.2100 01	-4.3310-01	-6.4660 00	9.9840-01	9.9040-01	1.3100-04		
93	3.9810 01	2.8830 04	9.0520 04	4.5110 04	7.2780-08	2.2340 01	-8.0900-01	-5.5000-01	9.9850-01	9.9260-01	3.2050-04		
95	5.0120 01	3.0050 04	1.0470 05	5.2220 04	8.0660-08	2.2860 01	-1.3310-01	3.6510 00	9.9850-01	9.9390-01	7.4570-04		
97	6.3100 01	3.1250 04	1.2190 05	6.0890 04	9.0280-08	2.3780 01	3.0700-01	-3.6560 00	9.9430-01	9.9430-01	1.5780-03		
99	7.9430 01	3.2460 04	1.4270 05	7.1340 04	1.0160-07	2.5020 01	6.7340-01	-3.1660-02	9.9860-01	9.9370-01	3.1560-03		

TEFF = 16000.0		LOG(G) =		X =		Y =		0.98360	
		4.50		0.01640					
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	7.4660 01	1061.56	7.7320 08	2050.00	3.5820 03	3696.18	1.0780 08	4034.83	1.3230 08
546.43	3.7170 02	1086.41	8.5010 08	2127.72	3.3300 08	3697.15	1.0800 08	4078.38	1.1880 08
649.39	7.1310 03	1100.00	8.6460 08	2292.47	2.8700 08	3698.31	1.0810 08	4101.73	5.0590 07
800.11	1.1620 05	1112.26	8.6910 08	2484.88	2.4200 03	3700.50	1.0840 08	4141.06	1.2070 08
911.76	4.6530 05	1136.26	8.6680 08	2600.00	2.2040 03	3702.69	1.0830 08	4217.72	1.1700 08
911.76	4.5910 05	1161.33	8.4920 08	2600.00	2.2040 03	3703.85	1.0840 08	4297.27	1.0790 08
913.07	6.5670 05	1175.00	8.2720 08	2677.27	2.1150 08	3705.25	1.0850 08	4340.46	4.5550 07
915.54	7.5380 05	1181.83	8.0500 08	2837.09	1.8460 08	3707.91	1.0870 08	4422.28	9.9970 07
918.03	8.4320 05	1194.99	7.1370 08	3017.20	1.5950 08	3710.55	1.0820 08	4586.15	8.8880 07
919.35	8.8310 05	1208.45	1.9970 08	3121.75	1.4700 08	3711.97	1.0810 08	4762.63	7.7880 07
919.63	8.9320 05	1215.67	1.1170 07	3121.76	1.4800 08	3713.69	1.0830 08	4861.32	3.4330 07
920.16	9.0080 05	1216.42	1.1220 07	3169.76	1.4260 08	3716.95	1.0860 08	4892.89	6.7690 07
920.64	9.2750 05	1217.83	2.2000 07	3264.93	1.3260 08	3720.21	1.0710 08	4953.86	6.8130 07
920.96	9.3850 05	1219.25	3.8910 07	3365.99	1.2290 08	3721.94	1.0660 08	5016.38	6.5550 07
921.34	9.4960 05	1220.00	5.3770 07	3421.87	1.1800 08	3724.08	1.0730 08	5050.00	6.4110 07
922.06	9.5570 05	1223.41	2.3600 08	3421.87	1.2700 08	3728.14	1.0810 08	5123.58	6.1070 07
922.77	9.6660 05	1229.92	5.6940 08	3458.74	1.2310 08	3732.22	1.0490 08	5269.12	5.5540 07
923.15	1.0130 06	1236.50	5.9370 08	3530.87	1.1610 08	3734.37	1.0320 08	5423.16	5.0330 07
923.68	1.1290 06	1240.00	7.2430 08	3606.08	1.0940 08	3737.09	1.0550 08	5508.11	4.7720 07
924.69	1.1140 06	1249.96	7.6360 08	3647.05	1.0590 08	3742.24	1.0720 08	5665.32	4.3330 07
925.69	1.1080 06	1269.29	7.7650 08	3647.05	1.0100 08	3747.42	1.0000 08	5989.38	3.5780 07
926.22	1.1310 05	1289.23	7.6920 08	3659.67	1.0070 08	3750.15	9.5280 07	6352.76	2.9150 07
927.00	1.1560 06	1300.00	7.6300 08	3654.64	1.0040 08	3753.67	1.0220 08	6562.80	1.5420 07
928.48	1.4910 06	1315.23	7.5270 08	3659.52	1.0050 08	3760.36	1.0840 08	6797.77	2.3040 07
929.95	1.2320 06	1348.15	7.2910 08	3662.26	1.0070 08	3767.08	9.6580 07	7292.74	1.8040 07
930.75	1.2520 06	1381.65	7.0470 08	3665.27	1.0090 08	3770.63	8.5780 07	7865.45	1.3830 07
931.96	1.4050 06	1400.00	6.9150 08	3670.98	1.0170 08	3775.31	1.0100 08	8205.87	1.2150 07
934.26	2.4400 06	1419.35	6.7690 08	3676.71	1.0280 08	3784.22	1.1290 08	8205.87	1.1980 07
936.58	1.6880 06	1457.53	6.4930 08	3679.74	1.0340 08	3793.16	9.3530 07	8862.47	1.0080 07
937.80	1.5220 06	1497.83	6.2240 08	3680.27	1.0490 08	3797.90	7.2840 07	10448.64	5.4820 06
939.84	2.6210 06	1520.00	6.0920 08	3681.28	1.0510 08	3804.32	1.0060 08	12726.36	2.6260 06
943.74	5.0250 06	1545.12	5.9210 08	3682.28	1.0530 08	3816.55	1.2190 08	14380.00	1.6590 06
947.66	3.0900 06	1595.10	5.6170 08	3682.81	1.0590 08	3828.85	9.7310 07	15890.88	1.1690 06
949.74	1.7290 06	1648.41	5.3170 08	3683.50	1.0560 08	3835.38	6.5010 07	19843.04	4.9930 05
953.60	5.0340 06	1678.00	5.1580 08	3684.82	1.0590 08	3844.54	1.0780 08	26411.82	1.6680 05
961.00	3.0260 07	1723.39	4.9150 08	3686.14	1.0620 08	3862.03	1.3190 08	32000.00	7.8820 04
968.52	1.2310 07	1816.53	4.4790 08	3686.64	1.0630 08	3879.67	1.0340 08	34121.04	6.1300 04
972.54	2.4720 06	1920.32	4.0500 08	3687.64	1.0650 08	3889.05	5.8540 07	39024.39	3.6150 04
981.32	1.0550 08	1980.00	3.8260 08	3689.19	1.0680 08	3902.80	1.1670 08	45573.51	1.9590 04
998.42	4.1840 08	1991.74	3.7840 08	3690.73	1.0700 08	3929.14	1.3710 08	50000.00	1.3570 04
1016.12	1.6580 08	2014.39	3.7030 08	3691.55	1.0720 08	3955.84	1.1580 08	54724.75	9.4850 03
1025.72	3.3120 06	2037.56	3.6240 08	3692.52	1.0730 08	3970.07	5.5190 07	66666.67	4.3280 03
1037.82	3.2420 08	2050.00	3.5820 08	3694.35	1.0770 08	3992.20	1.2620 08	85275.25	1.6220 03

TEFF = 16000.0 LOG(G) = 2.50 X = 0.14300 Y = 0.85700

I	TAU	TE	PG	PE	RHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.0480 04	2.1470-05	1.0740-05	3.4780-17	1.4200-01	-3.44430-01	-4.33840 01	1.0000 00	9.9950-01	2.3500-12
3	1.0000-07	1.0480 04	2.1100-04	1.0540-04	3.4230-16	1.4160-01	-3.44430-01	-3.1030 02	1.0000 00	9.9530-01	2.3660-13
5	1.0000-06	1.0460 04	2.1350-03	1.0530-03	3.5110-15	1.3810-01	-3.44430-01	-5.6790 02	1.0000 00	9.5340-01	2.1150-14
7	1.0000-05	1.0360 04	2.4460-02	1.0580-02	4.5440-14	1.0850-01	-3.44310-01	-5.6240 02	1.0000 00	6.0390-01	7.2500-16
9	1.0000-04	1.0290 04	3.9540-01	1.2410-01	8.9440-13	6.6260-02	-5.33550-01	-1.5040 02	9.9980-01	9.5610-02	6.3270-18
11	1.0000-03	1.1020 04	4.9270 00	1.3530 00	9.4690-12	7.2790-02	-7.70500-01	9.9900 00	9.9940-01	6.6560-02	2.7180-17
13	1.3590-03	1.1130 04	5.9070 00	1.8050 00	1.2500-11	7.5750-01	-7.73330-01	1.1450 01	9.9930-01	6.6980-02	3.8160-17
15	1.8480-03	1.1200 04	7.8350 00	2.3800 00	1.6530-11	7.6850-02	-7.73380-01	1.1450 01	9.9920-01	6.0440-02	3.7090-17
17	2.5120-03	1.1280 04	1.0330 01	3.1260 00	2.1680-11	8.3110-02	-8.03120-01	1.1330 01	9.9900-01	5.6530-02	4.0380-17
19	3.4150-03	1.1340 04	1.3540 01	4.0700 00	2.8330-11	8.8290-02	-8.03330-01	1.1590 01	9.9880-01	5.0220-02	3.6900-17
21	4.6420-03	1.1380 04	1.7600 01	5.2560 00	3.6800-11	9.4810-02	-8.03770-01	1.1760 01	9.9860-01	4.3530-02	3.0940-17
23	6.3100-03	1.1450 04	2.2690 01	6.7510 00	4.7220-11	1.0310-01	-7.739850-01	1.1800 01	9.9840-01	4.0060-02	3.1280-17
25	8.5770-03	1.1490 04	2.8970 01	9.5770 00	6.0220-11	1.1310-01	-7.73950-01	1.1950 01	9.9810-01	3.5060-02	2.6640-17
27	1.1660-02	1.1530 04	3.6670 01	1.0810 01	7.6110-11	1.2530-01	-7.73990-01	1.2040 01	9.9780-01	3.0670-02	2.2460-17
29	1.5850-02	1.1610 04	4.6010 01	1.3540 01	9.4900-11	1.3970-01	-7.74720-01	1.2170 01	9.9760-01	2.9490-02	2.5450-17
31	2.1540-02	1.1720 04	5.7260 01	1.6870 01	1.1690-10	1.5630-01	-7.74810-01	1.2350 01	9.9740-01	3.0680-02	3.6720-17
33	2.9290-02	1.1870 04	7.0780 01	2.0930 01	1.4250-10	1.7540-01	-6.4370-01	1.2550 01	9.9740-01	3.4310-02	6.6350-17
35	3.9810-02	1.2050 04	8.6990 01	2.5890 01	1.7210-10	1.9730-01	-5.73990-01	1.2760 01	9.9740-01	4.0880-02	1.4630-16
37	5.4120-02	1.2250 04	1.0630 02	3.1970 01	2.0590-10	2.2260-01	-4.83970-01	1.2960 01	9.9760-01	5.0990-02	3.7350-16
39	7.3560-02	1.2490 04	1.2930 02	3.9460 01	2.4410-10	2.5290-01	-4.81200-01	1.3130 01	9.9780-01	6.6280-02	1.0950-15
41	1.0000-01	1.2760 04	1.5630 02	4.8770 01	2.8590-10	2.9000-01	-3.2670-01	1.3230 01	9.9790-01	9.0020-02	3.7550-15
43	1.2590-01	1.3000 04	1.7940 02	5.7290 01	3.1880-10	3.2420-01	-2.83470-01	1.3240 01	9.9800-01	1.1600-01	1.0410-14
45	1.5350-01	1.3250 04	2.0490 02	6.7420 01	3.5210-10	3.6600-01	-1.83720-01	1.3150 01	9.9810-01	1.5130-01	3.0760-14
47	1.9950-01	1.3530 04	2.3280 02	7.9510 01	3.8430-10	4.1800-01	-1.4390-01	1.2950 01	9.9820-01	1.9890-01	9.6440-14
49	2.5120-01	1.3840 04	2.6260 02	9.3960 01	4.1360-10	4.8330-01	-1.1810-01	1.2690 01	9.9840-01	2.6250-01	3.2290-13
51	3.1620-01	1.4180 04	2.9420 02	1.1100 02	4.3830-10	5.6390-01	-9.21450-02	1.2320 01	9.9860-01	3.4410-01	1.1360-12
53	3.9810-01	1.4550 04	3.2720 02	1.3060 02	4.5840-10	6.5920-01	-2.85010-02	1.1880 01	9.9870-01	4.4180-01	4.0880-12
55	5.0120-01	1.4950 04	3.6170 02	1.5260 02	4.7470-10	7.6310-01	-1.5800-01	1.0970 01	9.9890-01	5.5000-01	1.4800-11
57	6.3100-01	1.5380 04	3.9840 02	1.7650 02	4.8970-10	8.6720-01	-1.5330-01	9.7600 00	9.9910-01	6.5930-01	5.3700-11
59	7.9430-01	1.5840 04	4.3860 02	2.0220 02	5.0630-10	9.6060-01	-3.83450-02	8.7260 00	9.9920-01	7.5920-01	1.9620-10
61	1.0000 00	1.6340 04	4.8450 02	2.2980 02	5.2880-10	1.0350 00	-3.83770-01	8.8690 00	9.9940-01	8.3800-01	6.8900-10
63	1.2590 00	1.6880 04	5.3870 02	2.6060 02	5.5920-10	1.0910 00	-3.85270-01	9.2470 00	9.9950-01	8.9520-01	2.4000-09
65	1.5850 00	1.7420 04	6.0450 02	2.9570 02	6.0140-10	1.1350 00	-2.7310-01	8.9080 00	9.9950-01	9.2950-01	7.6970-09
67	1.9950 00	1.8000 04	6.8510 02	3.3760 02	6.5480-10	1.1770 00	-5.3040-01	5.9520 00	9.9950-01	9.5310-01	2.4190-08
69	2.5120 00	1.8640 04	7.8390 02	3.8830 02	7.2020-10	1.2180 00	-3.83980-01	2.8220 00	9.9950-01	9.9950-01	7.6940-08
71	3.1620 00	1.9320 04	9.0560 02	4.5000 02	8.0020-10	1.2620 00	-3.83980-01	1.9140 00	9.9960-01	9.8010-01	2.4040-07
73	3.9810 00	2.0050 04	1.0550 03	5.2540 02	8.9630-10	1.3090 00	-1.2170 00	6.4960 00	9.9960-01	9.8720-01	7.5030-07
75	5.0120 00	2.0810 04	1.2380 03	6.1730 02	1.0120-09	1.3640 00	-6.2300-01	1.2190 01	9.9960-01	9.9170-01	2.2340-06
77	6.3100 00	2.1540 04	1.4580 03	7.2790 02	1.1510-09	1.4390 00	-1.2720 00	8.6960 00	9.9960-01	9.9420-01	5.7490-06
79	7.9430 00	2.2310 04	1.7220 03	8.5970 02	1.3110-09	1.5150 00	-7.3190-01	1.0700 00	9.9960-01	9.9600-01	1.4810-05
81	1.0000 01	2.3230 04	2.0360 03	1.0170 03	1.4890-09	1.5790 00	-4.03920-01	-9.7640-01	9.9970-01	9.9740-01	4.2230-05
83	1.2590 01	2.4270 04	2.4170 03	1.2400 03	1.6900-09	1.6350 00	-1.5080-01	7.6430 00	9.9970-01	9.9820-01	1.2820-04
85	1.5850 01	2.5370 04	2.8810 03	1.4080 03	1.9270-09	1.7000 00	-6.4380-01	1.3880 01	9.9970-01	9.9850-01	3.7020-04
87	1.9950 01	2.6400 04	3.4410 03	1.7210 03	2.2120-09	1.7970 00	-1.0550 00	1.1160 01	9.9970-01	9.9810-01	8.9820-04
89	2.5120 01	2.7380 04	4.1070 03	2.0540 03	2.5440-09	1.9180 00	-1.2220 00	-2.4450 00	9.9970-01	9.9720-01	1.9520-03
91	3.1620 01	2.8580 04	4.8860 03	2.4460 03	2.8970-09	2.0210 00	-2.03240-01	-5.6440 00	9.9970-01	9.9450-01	4.7770-03
93	3.9810 01	3.0040 04	5.7960 03	2.9090 03	3.2610-09	2.1230 00	-8.7360-01	6.3150-01	9.9970-01	9.8620-01	1.3240-02
95	5.0120 01	3.1630 04	6.8440 03	3.4580 03	3.6330-09	2.3610 00	-5.2680-02	3.7490 00	9.9970-01	9.6400-01	3.5590-02
97	6.3100 01	3.3150 04	8.0000 03	4.0930 03	3.9990-09	2.6040 00	-2.5640-01	2.5740 00	9.9970-01	9.1950-01	8.0200-02
99	7.9430 01	3.4680 04	9.1690 03	4.7970 03	4.2770-09	3.2170 00	-2.9120-01	1.0370 00	9.9970-01	8.3740-01	1.6230-01

TEFF = 16000.0 LOG(G) = 2.50 X = 0.14300 Y = 0.85700									
_LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.876D 02	1061.56	7.985D 08	2050.00	3.446D 08	3696.18	9.917D 07	4034.83	1.257D 08
546.43	8.183D 02	1086.41	8.059D 08	2127.72	3.207D 03	3697.15	9.521D 07	4078.38	1.209D 08
649.38	1.242D 04	1100.00	8.052D 08	2292.47	2.766D 08	3698.31	9.998D 07	4101.73	3.740D 07
800.11	1.652D 05	1112.26	8.024D 08	2484.88	2.314D 03	3700.50	1.038D 08	4141.06	1.158D 08
911.76	6.079C 05	1136.26	7.950D 08	2600.00	2.124D 03	3702.69	9.646D 07	4217.72	1.095D 08
911.76	6.047D 05	1161.33	7.842D 08	2600.00	2.124D 03	3703.85	8.898D 07	4297.27	1.030D 08
913.07	1.425D 06	1175.00	7.768D 08	2677.27	2.035D 03	3705.25	9.853D 07	4340.46	3.292D 07
915.54	1.735D 06	1181.83	7.713D 08	2837.09	1.778D 08	3707.91	1.063D 08	4422.28	9.405D 07
918.03	2.011D 06	1194.99	7.579D 08	3017.20	1.537D 03	3710.56	9.533D 07	4586.15	8.361D 07
919.35	2.146D 06	1208.45	6.681D 08	3121.75	1.417D 08	3711.97	9.195D 07	4762.63	7.386D 07
919.63	2.177C 06	1215.67	2.801D 07	3121.76	1.427D 08	3713.69	9.878D 07	4861.32	7.627D 07
920.16	2.204D 06	1216.42	2.808D 07	3169.76	1.374D 03	3716.95	1.110D 08	4892.89	6.734D 07
920.68	2.286D 06	1217.83	1.662D 08	3264.93	1.278D 03	3720.21	9.413D 07	4953.86	6.488D 07
921.34	2.369C 06	1219.25	4.244D 08	3365.99	1.186D 03	3721.94	7.208D 07	5016.38	6.226D 07
922.06	2.394D 06	1223.41	6.735D 08	3421.97	1.138D 08	3724.08	9.914D 07	5050.00	6.090D 07
922.77	2.515C 06	1229.92	7.270D 08	3458.74	1.212D 03	3725.14	1.184D 08	5123.58	8.050D 07
923.15	2.565D 06	1236.50	7.355D 08	3530.97	1.112D 03	3734.37	6.516D 07	5269.12	5.289D 07
923.68	2.618D 06	1240.00	7.362D 08	3606.08	1.050D 08	3737.09	1.041D 08	5423.16	4.803D 07
924.69	2.887C 06	1249.96	7.340D 08	3647.05	1.018D 03	3742.24	1.273D 08	5508.11	4.559D 07
925.69	2.891D 06	1269.29	7.246D 08	3647.05	1.018D 03	3747.42	1.017D 08	5665.32	4.147C 07
926.22	2.963D 06	1289.23	7.133D 08	3649.67	9.669D 07	3750.15	5.919D 07	5989.38	3.435D 07
927.00	3.045D 06	1300.00	7.070D 08	3654.64	9.765D 07	3753.67	1.106D 08	6352.76	2.809D 07
928.48	4.096C 06	1316.23	6.967D 08	3659.62	1.004C 03	3760.36	1.359D 08	6562.80	1.316C 07
929.96	3.315D 06	1348.15	6.774D 08	3662.26	1.024D 03	3767.08	1.119D 08	6797.77	2.226C 07
930.75	3.390C 06	1381.65	6.572D 08	3665.27	1.049D 03	3770.63	5.585D 07	7292.74	1.745D 07
931.96	3.869D 06	1400.00	6.462D 08	3670.98	1.088D 08	3775.31	1.220D 08	7865.45	1.340C 07
934.26	1.021D 07	1419.35	6.335D 08	3676.71	1.090D 03	3784.22	1.416D 08	8205.87	1.153D 07
936.58	4.989D 06	1457.53	6.110D 08	3679.74	1.078D 08	3793.16	1.217D 08	8862.47	9.707C 06
937.80	4.316D 06	1497.83	5.879D 08	3680.27	1.100C 08	3797.90	5.240D 07	10448.64	5.311D 06
939.84	1.262D 07	1520.00	5.761D 08	3681.28	1.095D 03	3804.32	1.309D 08	12726.36	2.554D 06
943.74	8.454D 07	1545.12	5.611D 08	3682.28	1.083D 03	3816.55	1.436D 08	14380.00	1.616D 06
947.66	1.998C 07	1595.10	5.345D 08	3682.81	1.076D 03	3828.85	1.314D 08	15890.88	1.139D 06
949.74	4.997C 06	1648.41	5.073D 08	3683.50	1.079D 03	3835.38	4.951D 07	19843.04	4.876D 05
953.60	1.303D 08	1678.00	4.928D 08	3684.92	1.077D 08	3844.54	1.369D 08	26411.82	1.635D 05
961.00	3.722D 08	1723.39	4.706D 08	3686.13	1.057D 08	3862.03	1.416D 08	32000.00	7.762D 04
968.52	2.833D 03	1816.53	4.300D 08	3686.83	1.043D 08	3879.67	1.339D 08	34121.04	6.048D 04
972.54	7.897D 06	1920.32	3.894D 08	3687.64	1.052D 03	3889.05	4.548D 07	39024.39	3.581C 04
981.32	5.568D 08	1980.00	3.679D 08	3689.19	1.054D 03	3902.80	1.357D 08	45573.51	1.952D 04
998.42	6.981D 08	1991.74	3.640D 08	3690.73	1.021D 08	3929.14	1.359D 08	50000.00	1.358D 04
1016.12	6.653D 08	2014.39	3.563D 08	3691.55	9.975D 07	3955.84	1.310D 08	54724.75	9.524D 03
1025.72	9.257C 06	2037.56	3.487D 08	3692.52	1.020D 03	3970.07	4.167D 07	66666.67	4.382D 03
1037.82	7.294C 08	2050.00	3.446D 08	3694.35	1.038D 03	3992.20	1.290D 08	85275.25	1.659C 03

TEFF = 16000.0 LOG(G) = 3.00 X = 0.14300 Y = 0.85700												
I	TAJ	TE	PG	PE	RHD	KAPZ	D=(%)	D TE	XH2	XH2		
1	1.0000-08	1.0400	04	7.0620-05	3.5290-05	1.1530-16	1.4190-01	-9.1780-02	1.8370	01	1.0000	00
3	1.0000-07	1.0400	04	6.9730-04	3.4660-04	1.1440-15	1.4040-01	-9.1780-02	1.8770	01	1.0000	00
5	1.0000-06	1.0350	04	7.3480-03	3.4590-03	1.2750-14	1.2640-01	-9.1780-02	2.3320	01	1.0000	00
7	1.0000-05	1.0310	04	1.0830-01	3.6610-02	2.3990-13	7.2990-02	-9.2110-02	9.0430	01	9.9990	-01
9	1.0000-04	1.0450	04	1.5080	4.5070-01	3.4330-12	6.4600-02	-9.1670-02	-2.1680	02	9.9950	-01
11	1.0000-03	1.1340	04	1.3210	3.9770	2.7650-11	8.7800-02	-9.0230-02	-2.4920	02	9.9890	-01
13	1.3590-03	1.1490	04	1.7140	5.1820	3.5310-11	9.4900-02	-9.9590-02	-4.4450	02	9.9880	-01
15	1.8480-03	1.1190	04	2.2040	6.4090	4.7800-11	1.0240-01	-8.3320-02	5.1730	02	9.9750	-01
17	2.5120-03	1.1160	04	4.2810	8.1660	6.0710-11	1.1310-01	-8.5180-02	5.2020	02	9.9720	-01
19	3.4150-03	1.1320	04	3.5600	1.6370	7.5600-11	1.2430-01	-9.3620-02	4.8040	00	9.9720	-01
21	4.6420-03	1.1300	04	4.4630	1.2930	9.5210-11	1.4080-01	-7.7790-02	-1.2790	01	9.9640	-01
23	6.3100-03	1.1300	04	5.5440	1.6000	1.1840-10	1.5970-01	-7.3250-02	-1.9130	00	9.9560	-01
25	8.5770-03	1.1300	04	6.8410	1.9750	1.4490-10	1.7990-01	-8.0310-02	-1.0740	01	9.9530	-01
27	1.1660-02	1.1480	04	8.3940	2.4230	1.7650-10	2.0340-01	-7.7210-02	-7.3640	00	9.9490	-01
29	1.5850-02	1.1600	04	1.0250	2.9630	2.1320-10	2.2950-01	-9.3210-02	-5.0100	00	9.9480	-01
31	2.1540-02	1.1750	04	1.2490	3.6150	2.5630-10	2.5890-01	-1.3470-01	-2.7190	00	9.9480	-01
33	2.9290-02	1.1910	04	1.5170	4.4040	3.0660-10	2.9230-01	-1.4480-01	-7.1510	-01	9.9490	-01
35	3.9810-02	1.2090	04	1.8380	5.3590	3.6530-10	3.3020-01	-1.4340-01	8.0190	-01	9.9520	-01
37	5.4120-02	1.2300	04	2.2220	6.5200	4.3320-10	3.7330-01	-1.3890-01	1.7720	00	9.9550	-01
39	7.3560-02	1.2530	04	2.6810	7.9400	5.1110-10	4.2300-01	-1.2090-01	2.3840	00	9.9590	-01
41	1.0000-01	1.2790	04	3.2280	9.6890	5.9920-10	4.9110-01	-8.7500-02	2.8350	00	9.9620	-01
43	1.2590-01	1.3010	04	3.7040	1.1270	6.7190-10	5.3260-01	-5.8240-02	2.7680	00	9.9630	-01
45	1.5850-01	1.3260	04	4.2410	1.3170	7.4900-10	5.9360-01	-6.3430-03	2.8690	00	9.9660	-01
47	1.9950-01	1.3530	04	4.8400	1.5420	8.2700-10	6.6770-01	3.2560-02	2.7710	00	9.9680	-01
49	2.5120-01	1.3830	04	5.5030	2.1430	9.0500-10	7.6010-01	5.3460-02	2.4440	00	9.9710	-01
51	3.1620-01	1.4160	04	6.2240	2.8140	9.7880-10	8.7660-01	1.9890-02	1.9660	00	9.9740	-01
53	3.9810-01	1.4520	04	6.9970	2.5330	1.0430-09	1.0240	4.1810-02	1.8840	00	9.9770	-01
55	5.6120-01	1.4900	04	7.8150	2.2930	1.0930-09	1.2040	1.6720-01	1.1010	00	9.9800	-01
57	6.3100-01	1.5320	04	8.6770	3.5240	1.1410-09	1.4120	1.5550-01	9.1560	-01	9.9830	-01
59	7.9430-01	1.5770	04	9.5990	4.1140	1.1800-09	1.6330	1.0690-01	-2.5390	-01	9.9860	-01
61	1.0000	1.6250	04	1.0600	4.7580	1.2200-09	1.8460	-1.7000-01	-7.4100	-01	9.9880	-01
63	1.2590	1.6770	04	1.1720	5.4530	1.2680-09	2.0300	-4.2700-01	-9.4960	02	9.9910	-01
65	1.5850	1.7300	04	1.3020	6.1980	1.3390-09	2.1710	-5.5900-03	1.6360	00	9.9910	-01
67	1.9950	1.7850	04	1.4560	7.0460	1.4290-09	2.2900	4.0870-01	9.6700	-01	9.9920	-01
69	2.5120	1.8450	04	1.6420	8.0360	1.5420-09	2.3910	5.3810-01	-2.0060	00	9.9920	-01
71	3.1620	1.9090	04	1.8680	9.2100	1.6630-09	2.4870	3.2860-02	-4.1330	00	9.9920	-01
73	3.9810	1.9790	04	2.1440	1.0620	1.8540-09	2.5790	-9.7310-01	-3.1940	00	9.9930	-01
75	5.0120	2.0520	04	2.4800	1.2330	2.0620-09	2.6770	-8.6430-01	1.1690	00	9.9930	-01
77	6.3100	2.1220	04	2.8880	1.4380	2.3180-09	2.8150	6.9530-01	3.5700	00	9.9940	-01
79	7.9430	2.1950	04	3.3750	1.6830	2.6160-09	2.9640	6.4550-01	1.3190	00	9.9940	-01
81	1.0000	2.2680	04	3.9600	1.9760	2.9530-09	3.0950	1.4540-03	-1.9890	00	9.9940	-01
83	1.2590	2.3770	04	4.5670	2.3310	3.3360-09	3.2120	-9.4910-01	-1.2490	00	9.9950	-01
85	1.5850	2.4600	04	5.5270	2.7610	3.7850-09	3.3420	-5.0370-01	9.0200	-01	9.9950	-01
87	1.9950	2.5770	04	6.5620	3.2790	4.3520-09	3.5290	5.9060-01	2.2400	00	9.9950	-01
89	2.5120	2.6700	04	7.7920	3.8940	4.9530-09	3.7620	8.5940-01	-1.5250	00	9.9950	-01
91	3.1620	2.7830	04	9.2470	4.6230	5.6380-09	3.9490	-1.6390-01	-2.3340	00	9.9950	-01
93	3.9810	2.9210	04	1.0990	5.4970	6.3770-09	4.0960	-5.5210-01	-3.2290	-01	9.9960	-01
95	5.0120	3.0700	04	1.3070	6.5520	7.2050-09	4.3000	9.4550-02	-3.5390	-01	9.9960	-01
97	6.3100	3.2140	04	1.5530	7.8130	8.1430-09	4.6520	1.6290-01	-5.9830	-01	9.9960	-01
99	7.9430	3.3640	04	1.8310	9.2880	9.1010-09	5.2030	-8.6290-02	5.1610	-01	9.9960	-01



TEFF = 16000.0 LOG(G) = 3.00 X = 0.14300 Y = 0.85700									
_AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	2.1500 02	1061.56	8.4560 08	2050.00	3.4310 03	3696.18	9.7780 07	4034.83	1.2670 08
546.43	7.0140 02	1086.41	8.6500 08	2127.72	3.1850 03	3697.15	9.7760 07	4078.38	1.2090 08
649.39	1.1420 04	1100.00	8.6640 08	2292.47	2.7350 03	3698.31	9.7580 07	4101.73	5.7750 07
800.11	1.4360 05	1112.26	8.6390 08	2484.88	2.3070 03	3700.50	9.8690 07	4141.06	1.1660 08
911.76	5.5240 05	1136.26	8.5520 08	2600.00	2.0900 03	3702.59	9.4360 07	4217.72	1.1040 08
911.76	5.4780 05	1161.33	8.4050 08	2600.00	2.0900 03	3703.85	9.4040 07	4297.27	1.0360 08
913.67	1.2590 06	1175.00	8.2950 08	2677.27	1.9910 03	3705.25	9.5160 07	4340.46	5.1460 07
915.54	1.5510 06	1181.83	8.2080 08	2837.09	1.7380 03	3707.91	9.8770 07	4422.28	9.4630 07
918.03	1.6560 06	1194.99	7.9500 08	3017.20	1.5020 03	3710.56	9.2310 07	4586.15	8.4010 07
919.35	1.6910 06	1208.45	5.9430 08	3121.75	1.3840 03	3711.97	9.0690 07	4762.63	7.4070 07
920.16	1.7650 06	1215.67	1.9190 07	3121.76	1.3900 03	3713.69	9.4260 07	4861.32	3.8190 07
920.58	1.8690 06	1217.83	5.7760 07	3169.76	1.3400 03	3716.95	1.0080 08	4892.89	6.7150 07
920.96	1.8530 06	1219.25	2.2670 08	3264.93	1.2460 03	3720.21	8.9540 07	4953.86	6.4970 07
921.34	1.9260 06	1220.00	3.3190 08	3421.87	1.1090 03	3724.08	9.2960 07	5050.00	6.0970 07
922.05	1.8390 06	1223.41	6.1510 08	3421.37	1.1550 03	3728.14	1.0570 08	5123.58	5.8090 07
922.77	1.9640 06	1229.92	7.4180 08	3458.74	1.1220 03	3732.22	8.9900 07	5269.12	5.2870 07
923.15	2.0160 06	1236.50	7.6730 08	3530.87	1.0620 03	3734.37	7.9130 07	5423.16	4.7970 07
923.63	2.0350 06	1240.00	7.7170 08	3606.08	1.0030 03	3737.09	9.5050 07	5508.11	4.5520 07
924.63	2.1360 06	1249.96	7.7360 08	3647.05	9.7330 07	3742.24	1.1340 08	5665.32	4.1380 07
925.69	2.1140 06	1269.29	7.6440 08	3647.05	9.2690 07	3747.42	9.1360 07	5989.38	3.4230 07
926.22	2.1930 06	1289.23	7.5110 08	3649.67	9.2450 07	3750.15	7.2820 07	6352.76	2.7970 07
927.00	2.2690 06	1300.00	7.4350 08	3654.64	9.2940 07	3753.67	9.8530 07	6562.80	1.6970 07
928.43	2.7760 06	1316.23	7.3110 08	3659.62	9.4550 07	3760.36	1.2330 08	6797.77	2.2140 07
929.96	2.3900 06	1348.15	7.0780 08	3662.26	9.5840 07	3767.08	9.8400 07	7292.74	1.7350 07
930.75	2.4310 06	1381.65	6.8380 08	3665.27	9.7600 07	3770.63	6.9800 07	7865.45	1.3320 07
931.96	2.6950 06	1400.00	6.7070 08	3670.98	1.0120 03	3775.31	1.0780 08	8205.87	1.1610 07
934.26	4.5090 06	1419.35	6.5610 08	3576.71	1.0360 03	3784.22	1.3290 08	8205.87	1.1500 07
936.58	3.2200 06	1457.53	6.2990 08	3679.74	1.0400 03	3793.16	1.0690 08	8862.47	9.6820 06
937.80	2.9550 06	1497.83	5.0350 08	3680.27	1.0500 03	3797.90	6.6830 07	10448.64	5.2870 06
939.84	5.0130 06	1520.00	5.9010 08	3681.28	1.0500 03	3804.32	1.1800 08	12726.36	2.5410 06
943.74	1.9530 07	1545.12	5.7350 08	3682.28	1.0480 03	3816.55	1.3920 08	14380.00	1.6060 06
947.66	6.3760 06	1595.10	5.4400 08	3682.81	1.0480 03	3828.85	1.1960 08	15890.88	1.1320 06
949.74	3.3490 06	1648.41	5.1420 08	3683.50	1.0460 03	3835.38	6.5700 07	19843.04	4.8490 05
953.60	3.2250 07	1678.00	4.9950 08	3684.32	1.0430 03	3844.54	1.2930 08	26411.82	1.6250 05
961.00	2.1240 08	1723.39	4.7470 08	3686.13	1.0360 03	3862.03	1.4040 08	32000.00	7.7040 04
968.52	1.0910 08	1816.53	4.3160 08	3686.83	1.0350 03	3879.67	1.2700 08	34121.04	6.0020 04
972.54	4.7960 06	1920.32	3.8910 08	3687.64	1.0310 03	3889.05	6.3610 07	39024.39	3.5550 04
981.32	4.2050 08	1980.00	3.6690 08	3689.19	1.0270 03	3902.80	1.3260 08	45573.51	1.9360 04
998.42	6.5990 08	1991.74	3.6290 08	3690.73	1.0110 03	3929.14	1.3640 08	50000.00	1.3470 04
1016.12	5.6680 08	2014.39	3.5510 08	3691.55	1.0100 03	3955.84	1.2900 08	54724.75	9.4290 03
1025.72	6.2410 06	2037.50	3.4720 08	3692.52	1.0040 03	3970.07	6.2100 07	66666.67	4.3460 03
1037.42	6.3860 03	2050.00	3.4310 08	3694.35	1.0050 03	3992.20	1.2900 08	85275.25	1.6480 03

TEFF = 16000.0 LOG(G) = 3.50

X = 0.14300 Y = 0.85700

I	TAJ	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	1.0310-04	2.2640-04	1.1290-04	3.7340-16	1.4130-01	-2.3370-01	-3.3550-02	1.0000-00	9.9190-01	8.1510-14
3	1.0003-07	1.0290-04	2.2740-03	1.1090-03	3.8400-15	1.3530-01	-2.3370-01	-5.5840-02	1.0000-00	9.2130-01	6.2780-15
5	1.0003-05	1.0110-04	2.8340-02	1.1090-02	5.7910-14	9.1490-02	-2.3370-01	-5.4850-02	1.0000-00	4.0470-01	9.2880-17
7	1.0003-05	9.9890-03	4.5950-01	1.3640-01	1.0970-12	6.1430-02	-3.3430-01	-4.9350-02	9.9970-01	3.7030-02	3.2090-19
9	1.0003-04	1.0380-04	4.8140-00	1.3920-00	1.1190-11	6.9990-02	-5.5830-01	-3.7510-00	9.9840-01	1.1930-02	1.1890-19
11	1.0003-03	1.0990-04	3.3560-01	9.6580-00	7.3930-11	1.2540-01	-6.3360-01	7.3210-00	9.9580-01	9.1120-03	4.3790-19
13	1.3590-03	1.1080-04	4.2050-01	1.2100-01	9.1760-11	1.4000-01	-6.3360-01	7.0870-00	9.9540-00	9.1530-03	5.6970-19
15	1.8480-03	1.1090-04	5.2270-01	1.5000-01	1.1410-10	1.5900-01	-6.0840-01	7.7220-00	9.9440-01	7.6070-03	4.0560-19
17	2.5120-03	1.1110-04	6.4500-01	1.8480-01	1.4060-10	1.8120-01	-5.7120-01	8.0140-00	9.9340-01	6.5470-03	3.1970-19
19	3.4150-03	1.1140-04	7.9030-01	2.2610-01	1.7190-10	2.0700-01	-5.5430-01	8.1160-00	9.9230-01	5.7810-03	2.7100-19
21	4.6420-03	1.1190-04	9.6290-01	2.7510-01	2.0860-10	2.3630-01	-5.3310-01	8.2100-00	9.9140-01	5.3670-03	2.6710-19
23	6.3100-03	1.1270-04	1.1680-02	3.3370-01	2.5130-10	2.6860-01	-4.8920-01	8.3240-00	9.9070-01	5.4140-03	3.3950-19
25	8.5770-03	1.1330-04	1.4140-02	4.0400-01	3.0120-10	3.0440-01	-4.0390-01	8.4070-00	9.9050-01	5.8440-03	5.3180-19
27	1.1660-02	1.1510-04	1.7090-02	4.8870-01	3.5960-10	3.4420-01	-2.7880-01	8.4390-00	9.9050-01	6.6670-03	9.8920-19
29	1.5850-02	1.1670-04	2.0620-02	5.9060-01	4.2810-10	3.8900-01	-2.2290-01	8.4530-00	9.9080-00	7.8720-03	2.0450-18
31	2.1540-02	1.1830-04	2.4870-02	7.1350-01	5.0870-10	4.3990-01	-2.2460-01	8.4610-00	9.9110-01	9.4120-03	4.3950-18
33	2.9290-02	1.2000-04	2.9950-02	8.6150-01	6.0320-10	4.9760-01	-2.2720-01	8.4590-00	9.9150-01	1.1480-02	1.0040-17
35	3.9810-02	1.2190-04	3.6050-02	1.0400-02	7.1390-10	5.6320-01	-1.7420-01	8.4340-00	9.9200-01	1.4200-02	2.4030-17
37	5.4120-02	1.2390-04	4.3360-02	1.2570-02	8.4310-10	6.3750-01	-1.3330-01	8.3670-00	9.9250-01	1.7970-02	6.1720-17
39	7.3560-02	1.2620-04	5.2120-02	1.5190-02	9.9310-10	7.2240-01	-1.2590-01	8.2720-00	9.9300-01	2.3200-02	1.6930-16
41	1.0003-01	1.2870-04	6.2590-02	1.8400-02	1.1650-09	9.1890-01	-1.2290-01	8.1640-00	9.9330-01	3.1120-02	5.2590-16
43	1.2590-01	1.3090-04	7.1760-02	2.1270-02	1.3100-09	9.0180-01	-1.2150-01	8.1060-00	9.9360-01	3.9480-02	1.3080-15
45	1.5850-01	1.3310-04	8.2200-02	2.4560-02	1.4670-09	9.9610-01	-9.2490-02	8.0250-00	9.9450-01	6.8000-02	1.0320-14
47	1.9950-01	1.3560-04	9.4030-02	2.8680-02	1.5350-09	1.1060-00	-9.3160-02	7.9050-00	9.9500-01	9.0820-02	3.1350-14
49	2.5120-01	1.3840-04	1.0740-03	3.3470-02	1.8120-09	1.2390-00	-3.9030-02	7.7950-00	9.9500-01	9.0820-02	1.0760-13
51	3.1620-01	1.4150-04	1.2230-03	3.9280-02	1.9890-09	1.4010-00	-1.2210-01	7.6730-00	9.9550-01	1.2490-01	1.0760-13
53	3.9810-01	1.4500-04	1.3860-03	4.6290-02	2.1610-09	1.6080-00	-5.8300-02	7.5650-00	9.9610-01	1.7120-01	3.7980-13
55	5.0120-01	1.4870-04	1.5640-03	5.4790-02	2.3180-09	1.8700-00	-1.3340-01	7.0470-00	9.9660-01	2.3420-01	1.4070-12
57	6.3100-01	1.5280-04	1.7530-03	6.4950-02	2.4510-09	2.1990-00	1.5380-01	6.1540-00	9.9710-01	3.1580-01	5.3380-12
59	7.9430-01	1.5720-04	1.9540-03	7.6950-02	2.5590-09	2.5920-00	3.5880-02	5.1900-00	9.9760-01	4.1480-01	2.0380-11
61	1.0000-00	1.6210-04	2.1680-03	9.0520-02	2.6420-09	3.0360-00	-2.3250-01	4.8370-00	9.9800-01	5.2920-01	8.0190-11
63	1.2590-00	1.6720-04	2.3980-03	1.0540-03	2.7290-09	3.4750-00	-4.1880-01	5.6830-00	9.9840-01	6.4010-01	2.9320-10
65	1.5850-00	1.7220-04	2.6550-03	1.2090-03	2.8490-09	3.8520-00	4.3420-02	6.5880-00	9.9850-01	7.2860-01	9.3950-10
67	1.9950-00	1.7750-04	2.9480-03	1.3910-03	2.9960-09	4.1850-00	3.9370-01	5.2060-00	9.9850-01	8.0250-01	2.9190-09
69	2.5120-00	1.8350-04	3.2920-03	1.5760-03	3.1720-09	4.4600-00	2.3140-01	2.7770-00	9.9860-01	8.6490-01	9.5920-09
71	3.1620-00	1.9000-04	3.7020-03	1.7990-03	3.3970-09	4.6810-00	-3.9210-02	1.1370-00	9.9870-01	9.1060-01	3.1190-08
73	3.9810-00	1.9690-04	4.1980-03	2.0610-03	3.6830-09	4.8720-00	-7.5380-01	2.2710-00	9.9880-01	9.4160-01	9.8080-08
75	5.0120-00	2.0380-04	4.8000-03	2.3710-03	4.0440-09	5.0780-00	-5.7370-01	6.2380-00	9.9890-01	9.6100-01	2.8180-07
77	6.3100-00	2.1030-04	5.5250-03	2.7390-03	4.4950-09	5.3410-00	7.5130-01	6.7150-00	9.9900-01	9.7250-01	6.9940-07
79	7.9430-00	2.1800-04	6.3980-03	3.1800-03	5.0080-09	5.5720-00	4.6060-01	1.1530-00	9.9900-01	9.8150-01	1.9050-06
81	1.0000-01	2.2630-04	7.4520-03	3.7110-03	5.6090-09	5.8060-00	-1.9280-01	-9.4690-01	9.9910-01	9.8770-01	5.2200-06
83	1.2590-01	2.3510-04	8.7260-03	4.3510-03	6.3130-09	6.0620-00	-8.9500-01	3.7040-00	9.9920-01	9.9180-01	1.4000-05
85	1.5850-01	2.4510-04	1.0270-04	5.1250-03	7.1190-09	6.2910-00	-3.4510-01	4.4290-00	9.9930-01	9.9460-01	3.9800-05
87	1.9950-01	2.5450-04	1.2130-04	6.0570-03	8.0920-09	6.6270-00	5.2010-01	3.9090-00	9.9930-01	9.9600-01	9.6880-05
89	2.5120-01	2.6390-04	1.4340-04	7.1640-03	9.2880-09	7.0330-00	7.4170-01	5.4160-01	9.9930-01	9.9650-01	2.1510-04
91	3.1620-01	2.7550-04	1.6980-04	8.4860-03	1.0470-08	7.3390-00	-1.4350-02	-4.6950-00	9.9930-01	9.9680-01	5.4890-04
93	3.9810-01	2.8830-04	2.0170-04	1.0080-04	1.1870-08	7.6360-00	-3.0670-01	-7.3290-01	9.9940-01	9.9650-01	1.4410-03
95	5.0120-01	3.0200-04	2.4000-04	1.2010-04	1.3470-08	7.9970-00	-4.5200-01	6.7220-00	9.9940-01	9.9470-01	3.6700-03
97	6.3100-01	3.1640-04	2.8570-04	1.4320-04	1.5290-08	8.4750-00	5.7230-01	1.8720-00	9.9940-01	9.8990-01	8.8750-03
99	7.9430-01	3.3100-04	3.3940-04	1.7060-04	1.7300-08	9.1520-00	-4.1180-02	4.7000-01	9.9940-01	9.7910-01	1.9930-02

TFF = 16000.0 LOG(G) = 3.50 X = 0.14300 Y = 0.85700

_LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	8.0710 01	1061.56	8.5390 08	2050.00	3.4660 05	3695.18	9.8670 07	4034.83	1.2700 08
546.43	3.7950 02	1086.41	8.9540 08	2127.72	3.2140 03	3697.15	9.7600 07	4078.38	1.1940 08
649.38	6.6720 03	1100.00	9.0220 08	2292.47	2.7490 03	3698.31	9.8210 07	4101.73	3.5890 07
800.11	1.0340 05	1112.26	9.0170 08	2484.88	2.3130 05	3700.50	9.8140 07	4141.06	1.1660 08
911.76	4.0890 05	1136.26	8.9560 08	2600.00	2.0930 03	3702.69	9.5610 07	4217.72	1.1100 08
911.76	4.0490 05	1161.33	8.7990 08	2600.00	2.0930 03	3703.85	9.3750 07	4297.27	1.0380 08
913.07	7.9650 05	1175.00	8.6550 08	2677.27	1.9850 03	3705.25	9.5530 07	4340.46	3.1050 07
915.54	9.9550 05	1181.83	8.5090 08	2837.09	1.7310 08	3707.91	9.6710 07	4422.28	9.5020 07
918.03	1.1850 06	1194.99	8.0540 03	3017.20	1.4950 03	3710.56	9.2930 07	4586.15	8.4360 07
919.35	1.2670 06	1208.45	4.5570 08	3121.75	1.3770 03	3711.97	9.9540 07	4762.63	7.4280 07
919.63	1.2840 06	1215.67	1.5230 07	3121.76	1.3820 08	3713.69	9.3710 07	4861.32	2.4340 07
920.16	1.2990 06	1216.42	1.5260 07	3169.76	1.3320 08	3716.95	9.6560 07	4892.89	6.6770 07
920.68	1.3520 06	1217.83	3.2440 07	3264.93	1.2390 08	3720.21	8.9700 07	4953.86	6.5110 07
920.96	1.3700 06	1219.25	9.9130 07	3365.99	1.1500 08	3721.94	8.2460 07	5016.38	6.2500 07
921.34	1.3860 06	1220.00	1.6730 08	3421.87	1.1040 09	3724.08	9.1720 07	5050.00	6.1130 07
922.06	1.3990 06	1223.41	4.9210 08	3421.87	1.1320 08	3725.14	9.8730 07	5123.58	5.8240 07
922.77	1.4600 06	1229.92	7.2040 08	3458.74	1.1910 08	3732.22	8.8120 07	5269.12	5.2990 07
923.15	1.4820 06	1236.50	7.7680 08	3530.97	1.0430 08	3734.37	7.4560 07	5423.16	4.8060 07
923.63	1.5120 06	1240.00	7.8870 08	3606.08	9.8670 07	3737.09	9.1660 07	5508.11	4.5600 07
924.69	1.6270 06	1249.96	8.0050 08	3647.05	9.5790 07	3742.24	1.0350 08	5665.32	4.1440 07
925.69	1.6300 06	1269.29	7.9560 08	3647.05	9.1480 07	3747.42	8.7060 07	5989.38	3.4280 07
926.22	1.6620 06	1289.23	7.8250 08	3649.67	9.1250 07	3750.15	6.4370 07	6352.76	2.7990 07
927.00	2.0930 06	1300.00	7.7460 08	3654.64	9.1410 07	3753.67	9.2420 07	6562.80	1.2290 07
928.48	1.8140 06	1316.23	7.6110 08	3659.62	9.2310 07	3760.36	1.1180 08	6797.77	2.2160 07
929.96	1.8140 06	1348.15	7.3540 08	3662.26	9.3090 07	3767.08	9.0770 07	7292.74	1.7360 07
930.75	1.8450 06	1381.65	7.0940 08	3665.27	9.4190 07	3770.63	5.7590 07	7865.45	1.3330 07
931.96	2.0400 06	1400.00	6.9530 08	3670.98	9.6690 07	3775.31	9.8320 07	8205.87	1.1570 07
934.26	3.2670 06	1419.35	6.7860 08	3676.71	9.9100 07	3784.22	1.2200 08	8205.87	1.1510 07
936.58	2.4220 06	1457.53	5.5020 08	3679.74	1.0010 03	3793.16	9.6330 07	8862.47	9.6920 06
937.80	2.2230 06	1497.83	5.2180 08	3680.27	1.0070 03	3797.90	5.1620 07	10449.64	5.2920 06
939.84	3.5680 06	1520.00	6.0740 08	3681.28	1.0100 08	3804.32	1.0630 08	12726.36	2.5430 06
943.74	7.7040 06	1545.12	5.8890 08	3682.28	1.0110 03	3816.55	1.3160 08	14380.00	1.6080 06
947.66	4.3000 06	1595.10	5.5740 08	3682.81	1.0110 03	3828.85	1.0770 08	15890.88	1.1340 06
949.74	2.5360 06	1648.41	5.2580 08	3683.50	1.0130 08	3835.38	4.8040 07	19843.04	4.8510 05
953.60	1.0750 07	1679.00	5.0920 08	3684.82	1.0150 08	3844.54	1.1910 08	26411.82	1.6250 05
961.00	9.1470 07	1723.39	4.8370 08	3686.13	1.0130 03	3862.03	1.3670 08	32000.00	7.6970 04
968.52	3.3190 07	1816.53	4.3840 08	3686.83	1.0120 03	3879.67	1.1750 08	34121.04	5.9900 04
972.54	3.5870 06	1920.32	3.9430 08	3687.64	1.0130 03	3889.05	4.4240 07	39024.39	3.5410 04
981.32	2.6020 08	1980.00	3.7130 08	3689.19	1.0130 03	3902.80	1.2670 08	45573.51	1.9260 04
998.42	5.6590 08	1991.74	3.6700 08	3690.73	1.0060 03	3929.14	1.3530 08	50000.00	1.3370 04
1016.12	3.9930 08	2014.39	3.5880 08	3691.55	1.0010 03	3955.84	1.2440 08	54724.75	9.3670 03
1025.72	4.7950 06	2037.56	3.5080 08	3692.52	1.0030 03	3970.07	4.0660 07	66666.67	4.2970 03
1037.82	5.7070 08	2050.00	3.4660 08	3694.35	1.0020 03	3992.20	1.2730 08	85275.25	1.6220 03

TREF = 16000.0 LOG(G) = 4.00 X = 0.14300 Y = 0.85700									
I	TAJ	TE	PG	PE	RHO	KAPZ	D(%)	DX	XHE
1	1.0000-08	1.0230 04	7.2220-04	3.5850-04	1.1950-15	1.4000-01	-9.5960-02	-1.0320 01	1.0000 00
3	1.0000-07	1.0260 04	7.5910-03	3.5150-03	1.3480-14	1.2250-01	-9.5960-02	-1.3560 01	1.0000 00
5	1.0000-06	1.0120 04	1.1400-01	3.8190-02	2.5410-13	7.1990-02	-9.5960-02	-1.8730 02	9.9990-01
7	1.0000-05	9.9390 03	1.5310 00	4.4210-01	3.7190-12	6.2210-02	-9.9000-02	2.1950 02	9.9890-01
9	1.0000-04	1.0550 04	1.3370 01	3.8420 00	3.0620-11	9.8620-02	-9.5900-02	2.1602 01	9.9670-01
11	1.0000-03	1.1250 04	7.5140 01	2.1570 01	1.6160-10	1.9580-01	-1.2500-02	2.7550 02	9.9370-01
13	1.3590-03	1.1310 04	9.1510 01	2.6240 01	1.9590-10	2.2250-01	-5.3620-02	4.2010 02	9.9300-01
15	1.8480-03	1.0990 04	1.1110 02	3.1570 01	2.4570-10	2.7440-01	2.0750-02	5.4260 00	9.8680-01
17	2.5120-03	1.1000 04	1.3350 02	3.7840 01	2.9500-10	3.1570-01	3.7640-02	-1.4270 01	9.8470-01
19	3.4150-03	1.1070 04	1.6000 02	4.5330 01	3.5150-10	3.5940-01	-7.5320-03	-1.3840 01	9.8360-01
21	4.6420-03	1.1180 04	1.9180 02	5.4320 01	4.1720-10	4.0720-01	-3.2560-02	-1.2430 01	9.8320-01
23	6.3100-03	1.1300 04	2.2980 02	6.5130 01	4.9440-10	4.6060-01	-1.2990-02	-9.9930 00	9.8330-01
25	8.5770-03	1.1440 04	2.7550 02	7.8140 01	5.8520-10	5.2080-01	6.7360-02	-6.6320 00	9.8370-01
27	1.1660-02	1.1580 04	3.3030 02	9.3740 01	6.9310-10	5.9120-01	2.2390-01	-3.1540 00	9.8390-01
29	1.5850-02	1.1720 04	3.9580 02	1.1240 02	8.2050-10	6.7190-01	2.1350-01	-5.0210-01	9.8410-01
31	2.1540-02	1.1870 04	4.7420 02	1.3490 02	9.6960-10	7.6200-01	-1.8920-02	1.7610 00	9.8450-01
33	2.9290-02	1.2040 04	5.6800 02	1.6180 02	1.1450-09	9.6420-01	-1.3680-01	3.2200 00	9.8510-01
35	3.9810-02	1.2220 04	6.8030 02	1.9420 02	1.3500-09	9.8000-01	-1.1460-01	3.6400 00	9.8570-01
37	5.4120-02	1.2410 04	8.1480 02	2.3320 02	1.5900-09	1.1110 00	-7.2340-02	3.2410 00	9.8650-01
39	7.3560-02	1.2630 04	9.7610 02	2.8040 02	1.8690-09	1.2570 00	-2.9080-02	3.1200 00	9.8740-01
41	1.0000-01	1.2870 04	1.1700 03	3.3780 02	2.1930-09	1.4190 00	1.9590-02	2.6440 00	9.8810-01
43	1.2590-01	1.3090 04	1.3410 03	3.8930 02	2.4660-09	1.5540 00	4.5060-02	2.5550 00	9.8880-01
45	1.5850-01	1.3320 04	1.5360 03	4.4960 02	2.7690-09	1.7040 00	9.3090-02	2.0540 00	9.8960-01
47	1.9950-01	1.3580 04	1.7610 03	5.2090 02	3.0990-09	1.8740 00	9.3090-02	2.1730 00	9.9060-01
49	2.5120-01	1.3860 04	2.0160 03	6.0570 02	3.4530-09	2.0740 00	1.3220-01	1.8190 00	9.9160-01
51	3.1620-01	1.4170 04	2.3060 03	7.0750 02	3.8280-09	2.3080 00	1.3300-01	1.6650 00	9.9260-01
53	3.9810-01	1.4520 04	2.6320 03	8.3070 02	4.2100-09	2.6010 00	1.9440-01	9.0810-01	9.9360-01
55	5.0120-01	1.4890 04	2.9920 03	9.7980 02	4.5860-09	2.9730 00	2.8330-01	3.0480-01	9.9450-01
57	6.3100-01	1.5290 04	3.3840 03	1.1620 03	4.9320-09	3.4480 00	2.8490-01	-3.6140-01	9.9530-01
59	7.9430-01	1.5720 04	3.8070 03	1.3790 03	5.2400-09	4.0420 00	2.3720-01	-1.0800 00	9.9600-01
61	1.0000 00	1.6190 04	4.2570 03	1.5360 03	5.4940-09	4.7670 00	8.2310-03	-1.9270 00	9.9660-01
63	1.2590 00	1.6640 04	4.7360 03	1.9300 03	5.7070-09	5.5890 00	-3.3850-01	-1.7520 00	9.9720-01
65	1.5850 00	1.7190 04	5.2560 03	2.2520 03	5.9280-09	6.4120 00	-2.0010-01	-4.2600-02	9.9740-01
67	1.9950 00	1.7730 04	5.8310 03	2.6050 03	6.1710-09	7.2040 00	1.5030-01	3.0850-01	9.9750-01
69	2.5120 00	1.8320 04	6.4800 03	2.9970 03	6.4490-09	7.9190 00	2.8970-01	-1.1710 00	9.9770-01
71	3.1620 00	1.8930 04	7.2320 03	3.4280 03	6.8160-09	8.5200 00	2.0170-01	-2.4440 00	9.9780-01
73	3.9810 00	1.9600 04	8.1200 03	3.9190 03	7.2740-09	9.0140 00	-6.3490-01	-2.0790 00	9.9800-01
75	5.0120 00	2.0320 04	9.1860 03	4.4890 03	7.8410-09	9.4070 00	-7.1060-01	-3.8730-02	9.9820-01
77	6.3100 00	2.0990 04	1.0470 04	5.1530 03	8.5940-09	9.8770 00	4.7370-01	2.1960 00	9.9830-01
79	7.9430 00	2.1700 04	1.2010 04	5.9410 03	9.4930-09	1.0350 01	3.9280-01	1.0890 00	9.9850-01
81	1.0000 01	2.2520 04	1.3870 04	6.8860 03	1.0520-08	1.0760 01	-4.0870-02	-1.1850 00	9.9860-01
83	1.2590 01	2.3440 04	1.6130 04	8.0270 03	1.1730-08	1.1150 01	-6.3720-01	-1.2790 00	9.9880-01
85	1.5850 01	2.4390 04	1.8870 04	9.4070 03	1.3170-08	1.1600 01	-4.3340-01	1.3050 00	9.9890-01
87	1.9950 01	2.5350 04	2.2180 04	1.1070 04	1.4880-08	1.2160 01	4.4710-01	9.5550-01	9.9900-01
89	2.5120 01	2.6270 04	2.6130 04	1.3040 04	1.6910-08	1.2880 01	6.1890-01	-4.3390-01	9.9900-01
91	3.1620 01	2.7390 04	3.0860 04	1.5410 04	1.9150-08	1.3470 01	-6.8390-02	-2.3180 00	9.9900-01
93	3.9810 01	2.8650 04	3.6560 04	1.8260 04	2.1660-08	1.3950 01	-4.6700-01	-5.3630-01	9.9910-01
95	5.0120 01	3.0050 04	4.3470 04	2.1720 04	2.4550-08	1.4550 01	-1.2430-01	1.0130 00	9.9910-01
97	6.3100 01	3.1430 04	5.1750 04	2.5890 04	2.7920-08	1.5350 01	-2.3750-01	-4.9710-02	9.9910-01
99	7.9430 01	3.2890 04	6.1580 04	3.0860 04	3.1690-08	1.6330 01	-3.5910-01	-1.4680-01	9.9920-01

TECE = 16000.0 LOG(G) = 4.00 X = 0.14300 Y = 0.85700									
LAM	F LAM	LAM	= LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	8.7250 01	1061.56	8.2240 08	2050.00	3.5240 03	3696.18	9.8450 07	4034.83	1.2650 08
546.43	3.9350 02	1085.41	9.0190 08	2127.72	3.2610 03	3697.15	9.8420 07	4078.38	1.1660 08
649.38	6.7780 03	1100.00	9.1800 08	2292.47	2.7810 08	3698.31	9.8260 07	4101.73	5.1710 07
800.11	1.0350 05	1112.26	9.2330 08	2484.88	2.3310 08	3700.50	9.8070 07	4141.06	1.1600 08
911.76	4.0690 05	1136.26	9.2280 08	2600.00	2.1050 08	3702.69	9.6860 07	4217.72	1.1140 08
911.76	4.0190 05	1161.33	9.0630 08	2600.00	2.1050 08	3703.85	9.6640 07	4297.27	1.0350 08
913.07	7.8170 05	1175.00	8.8650 08	2677.27	1.9870 08	3705.25	9.6560 07	4340.46	4.6570 07
915.54	9.7350 05	1181.83	8.6570 08	2837.09	1.7320 08	3707.91	9.6580 07	4422.28	9.5320 07
918.03	1.1940 06	1194.99	7.8760 08	3017.20	1.4950 08	3710.56	9.4460 07	4586.15	8.4700 07
919.35	1.2870 06	1208.45	2.8440 08	3121.75	1.3760 08	3711.97	9.3900 07	4762.63	7.4440 07
919.63	1.3130 06	1215.67	1.2790 07	3121.76	1.3800 08	3713.69	9.4400 07	4861.32	3.5130 07
920.10	1.3730 06	1216.42	1.2850 07	3169.76	1.3290 08	3716.95	9.5240 07	4892.89	6.6010 07
920.68	1.2160 06	1217.83	2.3220 07	3264.93	1.2360 08	3720.21	9.1300 07	4953.86	6.5220 07
920.96	1.2650 06	1219.25	4.8490 07	3365.99	1.1460 08	3721.94	8.9930 07	5016.38	6.2670 07
921.34	1.3120 06	1220.00	7.6220 07	3421.87	1.1000 08	3724.08	9.2140 07	5050.00	6.1300 07
922.05	1.3290 06	1223.41	3.2740 03	3421.87	1.1180 08	3728.14	9.5210 07	5123.58	5.8400 07
922.77	1.3450 06	1229.92	6.5680 08	3458.74	1.0880 08	3732.22	8.8460 07	5269.12	5.3140 07
923.15	1.3330 06	1236.30	7.6260 08	3530.87	1.0310 08	3734.37	8.4720 07	5423.16	4.8190 07
923.68	1.3190 06	1240.00	7.8740 08	3606.08	9.7660 07	3737.09	9.0600 07	5508.11	4.5710 07
924.69	1.4660 06	1249.96	8.1740 08	3647.05	9.4850 07	3742.24	9.7170 07	5665.32	4.1540 07
925.69	1.4770 06	1269.29	8.2320 08	3647.05	9.0680 07	3747.42	8.5350 07	5989.38	3.4340 07
926.22	1.4790 06	1289.23	8.1260 08	3649.67	9.0440 07	3750.15	7.6530 07	6352.76	2.8020 07
927.00	1.4820 06	1300.00	8.0490 08	3654.64	9.0400 07	3753.67	8.9350 07	6562.80	1.5890 07
928.48	1.7280 06	1316.23	7.9120 08	3659.62	9.0820 07	3760.36	1.0290 08	6797.77	2.2180 07
929.95	1.5410 06	1348.15	7.6480 08	3662.26	9.1290 07	3767.08	8.6310 07	7292.74	1.7380 07
930.75	1.5710 06	1381.65	7.3690 08	3665.27	9.1950 07	3770.63	7.0030 07	7865.45	1.3330 07
931.96	1.7120 06	1400.00	7.2200 08	3670.98	9.3570 07	3775.31	9.2260 07	8205.87	1.1540 07
934.26	2.5590 06	1419.35	7.0410 08	3676.71	9.5430 07	3784.22	1.1130 08	8205.87	1.1520 07
936.58	2.0070 06	1457.53	5.7380 08	3679.74	9.6390 07	3793.16	8.8970 07	8862.47	9.7000 06
937.60	1.8280 06	1497.83	6.4360 08	3680.27	9.6760 07	3797.90	6.3580 07	10448.64	5.2940 06
939.84	2.7700 06	1520.00	6.2800 08	3681.28	9.7060 07	3804.32	9.7340 07	12726.36	2.5430 06
943.74	4.9480 06	1545.12	6.0840 08	3682.28	9.7350 07	3816.55	1.2240 08	14380.00	1.6080 06
947.66	3.2400 06	1595.10	5.7480 08	3682.81	9.7490 07	3828.85	9.7800 07	15890.88	1.1330 06
949.74	2.0870 06	1648.41	5.4140 08	3683.50	9.7670 07	3835.38	6.0540 07	19843.04	4.8480 05
953.60	6.1320 06	1678.00	5.2360 08	3684.82	9.7980 07	3844.54	1.0880 08	26411.82	1.6240 05
961.00	3.3130 07	1723.39	4.9660 08	3686.13	9.8240 07	3862.03	1.3070 08	32000.00	7.6950 04
968.52	1.2460 07	1816.53	4.4890 08	3686.83	9.8390 07	3879.67	1.0730 08	34121.04	5.9880 04
972.54	2.8730 06	1920.32	4.0220 08	3687.64	9.8500 07	3889.05	5.7360 07	39024.39	3.5400 04
981.32	1.2130 08	1980.00	3.7800 08	3689.19	9.8710 07	3902.80	1.1870 08	45573.51	1.9230 04
998.42	4.2530 08	1991.74	3.7380 08	3690.73	9.8770 07	3929.14	1.3290 08	50000.00	1.3360 04
1016.12	2.1610 08	2014.39	3.6530 08	3691.55	9.8830 07	3955.84	1.1770 08	54724.75	9.3650 03
1025.72	3.9730 06	2037.56	3.5680 08	3692.52	9.8860 07	3970.07	5.5370 07	66666.67	4.2940 03
1037.82	3.9250 08	2050.00	3.5240 08	3694.35	9.8890 07	3992.20	1.2400 08	85275.25	1.6190 03

TEFF = 16000.C LOG(G) = 4.50 X = 0.14300 Y = 0.85700

I	TAJ	TE	PG	PE	RHQ	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0000-C8	1.0260 04	2.3320-03	1.1350-03	3.9600-15	1.3460-01	-1.7260-01	-5.5680 02	1.0000 00	9.1310-01	5.3990-15
3	1.0000-C7	1.0050 04	2.9210-02	1.1170-02	6.0890-14	8.8070-02	-1.7260-01	-5.5680 02	1.0000 00	3.6450-01	5.8990-17
5	1.0000-C6	9.9240 03	4.6900-01	1.3830-01	1.1310-12	6.0870-02	3.3580-01	-5.5680 02	9.9960-01	3.0040-02	1.6720-19
7	1.0000-C5	1.0040 04	4.8350 00	1.3860 00	1.1660-11	7.0690-02	-3.3910-01	-4.4060 01	9.9720-01	4.4360-03	5.3430-21
9	1.0000-C4	1.0580 04	3.2670 01	9.3200 00	7.4920-11	1.3140-01	-5.0470-01	-6.1690 00	9.9240-01	3.1510-03	1.5310-20
11	1.0000-C3	1.0740 04	4.1720 02	4.1360 01	3.3440-10	3.6300-01	-3.3460-01	-6.1690 00	9.7500-01	1.1050-03	3.0580-21
13	1.3590-C3	1.0760 04	4.1760 02	4.9370 01	3.9970-10	4.1800-01	-1.5360-01	5.6010 00	9.7150-01	9.8910-04	2.6390-21
15	1.8480-C3	1.0820 04	2.1050 02	5.8890 01	4.7540-10	5.4410-01	2.2610-02	6.7190 00	9.6910-01	9.8660-04	3.0060-21
17	2.5120-C3	1.0910 04	2.5130 02	7.0280 01	5.6300-10	5.4410-01	2.2610-02	6.7190 00	9.6910-01	1.0370-03	4.5230-21
19	3.4150-C3	1.1030 04	3.0020 02	8.4000 01	6.6510-10	6.1640-01	-7.3350-02	6.6000 00	9.6820-01	1.1920-03	8.4920-21
21	4.6420-C3	1.1170 04	3.5900 02	1.0050 02	7.8510-10	6.9810-01	-8.3290-02	6.6710 00	9.6950-01	1.4080-03	1.7370-20
23	6.3100-C3	1.1320 04	4.2950 02	1.2040 02	9.2610-10	7.8920-01	8.7720-02	6.5140 00	9.7080-01	1.7260-03	3.9940-20
25	8.5770-C3	1.1490 04	5.1420 02	1.4440 02	1.0920-09	8.9260-01	4.4780-01	6.3260 00	9.7230-01	2.1370-03	9.4790-20
27	1.1660-02	1.1650 04	6.1580 02	1.7320 02	1.2890-09	1.0120 00	8.7930-01	6.0770 00	9.7350-01	2.6080-03	2.1500-19
29	1.5850-C2	1.1810 04	7.3750 02	2.0770 02	1.5220-09	1.1500 00	7.3930-01	5.6120 00	9.7440-01	3.1410-03	4.6790-19
31	2.1540-02	1.1970 04	8.8290 02	2.4890 02	1.7970-09	1.3090 00	1.3140-01	5.2660 00	9.7520-01	3.7450-03	9.8620-19
33	2.9290-02	1.2140 04	1.0570 03	2.9840 02	2.1190-09	1.4880 00	-3.5740-02	5.1020 00	9.7620-01	4.5190-03	2.1550-18
35	3.9810-C2	1.2320 04	1.2640 03	3.5770 02	2.4960-09	1.6910 00	-2.0550-02	4.9250 00	9.7730-01	5.5210-03	4.8990-18
37	5.4120-02	1.2510 04	1.5120 03	4.2880 02	2.9380-09	1.9210 00	-2.7030-02	4.7720 00	9.7840-01	6.7820-03	1.1320-17
39	7.3560-02	1.2720 04	1.8090 03	5.1430 02	3.4540-09	2.1780 00	-7.1890-02	4.6630 00	9.7930-01	8.5230-03	2.8080-17
41	1.0000-01	1.2950 04	2.1650 03	6.1170 02	4.0560-09	2.4650 00	-1.2100-01	4.6570 00	9.8030-01	1.1000-02	7.5870-17
43	1.2590-01	1.3150 04	2.4790 03	7.0970 02	4.5660-09	2.7000 00	-1.3120-01	4.7000 00	9.8140-01	1.3820-02	1.7980-16
45	1.5850-01	1.3360 04	2.8390 03	8.1690 02	5.1340-09	2.9560 00	-1.2780-01	4.8180 00	9.8270-01	1.7730-02	4.5520-16
47	1.9950-01	1.3610 04	3.2530 03	9.4270 02	5.7590-09	3.2360 00	-1.3310-01	4.9330 00	9.8430-01	2.3500-02	1.2830-15
49	2.5120-01	1.3860 04	3.7280 03	1.0910 03	6.4470-09	3.5500 00	-1.3370-01	5.0320 00	9.8590-01	3.1760-02	3.8760-15
51	3.1620-01	1.4180 04	4.2730 03	1.2680 03	7.1890-09	3.9080 00	-1.4200-01	5.2120 00	9.8750-01	4.4250-02	1.3010-14
53	3.9810-01	1.4520 04	4.8930 03	1.4790 03	7.9790-09	4.3340 00	-1.7500-02	5.2320 00	9.8910-01	6.2470-02	4.6210-14
55	5.0120-01	1.4880 04	5.5930 03	1.7360 03	8.7950-09	4.8540 00	-2.0760-01	4.7030 00	9.9060-01	8.9060-02	1.7330-13
57	6.3100-01	1.5280 04	6.3740 03	2.0480 03	9.6080-09	5.5120 00	-3.0800-01	3.5070 00	9.9200-01	1.2710-01	6.7410-13
59	7.9430-01	1.5710 04	7.2310 03	2.4300 03	1.0370-08	6.3640 00	-1.7540-01	2.3200 00	9.9320-01	1.8120-01	2.7450-12
61	1.0000 00	1.6200 04	8.1570 03	2.9000 03	1.1010-08	7.4660 00	-2.1450-01	1.7090 00	9.9440-01	2.5610-01	1.1660-11
63	1.2590 00	1.6690 04	9.1390 03	3.4460 03	1.1570-08	8.7910 00	-5.5050-01	2.6250 00	9.9530-01	3.4520-01	4.5350-11
65	1.5850 00	1.7180 04	1.0200 04	4.0030 03	1.2150-08	1.0220 01	-1.5320-01	4.8150 00	9.9560-01	4.3450-01	1.5040-10
67	1.9950 00	1.7690 04	1.1360 04	4.7400 03	1.2690-08	1.1770 01	4.8780-01	4.3690 00	9.9580-01	5.3020-01	4.8900-10
69	2.5120 00	1.8280 04	1.2620 04	5.5310 03	1.3170-08	1.3390 01	3.3880-01	1.2940 00	9.9610-01	6.3560-01	1.7220-09
71	3.1620 00	1.8920 04	1.4040 04	6.4060 03	1.3680-08	1.4880 01	-1.1030-01	-8.6480-01	9.9640-01	7.3490-01	6.0860-09
73	3.9810 00	1.9610 04	1.5660 04	7.3660 03	1.4350-08	1.6110 01	-8.2640-01	6.8970-02	9.9680-01	8.1620-01	2.0730-08
75	5.0120 00	2.0290 04	1.7560 04	8.4290 03	1.5270-08	1.7130 01	-5.1710-01	4.6300 00	9.9710-01	8.7310-01	6.2600-08
77	6.3100 00	2.0940 04	1.9830 04	9.6310 03	1.5520-08	1.8130 01	7.4980-01	6.7890 00	9.9740-01	9.0940-01	1.6110-07
79	7.9430 00	2.1700 04	2.2540 04	1.1050 04	1.7960-08	1.8940 01	5.4870-01	6.5440-01	9.9770-01	9.3880-01	4.5510-07
81	1.0000 01	2.2530 04	2.5820 04	1.2740 04	1.9690-08	1.9680 01	-1.8270-01	-1.7720 00	9.9790-01	9.5930-01	1.2910-06
83	1.2590 01	2.3420 04	2.9790 04	1.4770 04	2.1770-08	2.0420 01	-1.3030 00	2.4180 00	9.9820-01	9.7310-01	3.6040-06
85	1.5850 01	2.4420 04	3.4640 04	1.7220 04	2.4200-08	2.1070 01	-3.2950-01	1.1070 00	9.9860-01	9.8260-01	1.0480-05
87	1.9950 01	2.5330 04	4.0500 04	2.3010 04	2.7240-08	2.2150 01	5.7890-01	1.8110 00	9.9860-01	9.8750-01	2.4940-05
89	2.5120 01	2.6230 04	4.7490 04	3.3670 04	3.0830-08	2.3450 01	8.8920-01	2.3990-01	9.9860-01	9.8970-01	5.4950-05
91	3.1620 01	2.7370 04	5.5880 04	2.7870 04	3.4730-08	2.4340 01	-1.3490-01	-5.4050 00	9.9870-01	9.9200-01	1.4160-04
93	3.9810 01	2.8660 04	6.6070 04	3.2970 04	3.9180-08	2.5180 01	-9.7390-01	-1.6940-01	9.9870-01	9.9380-01	3.7990-04
95	5.0120 01	3.0010 04	7.8440 04	3.9170 04	4.4400-08	2.6270 01	-1.3840-01	4.3150 00	9.9870-01	9.9470-01	9.6490-04
97	6.3100 01	3.1400 04	9.3270 04	4.6610 04	5.0420-08	2.7600 01	2.7020-01	6.4340-01	9.9880-01	9.9450-01	2.3020-03
99	7.9430 01	3.2860 04	1.1100 05	5.5520 04	5.7260-08	2.9170 01	4.6910-01	4.1380-01	9.9880-01	9.9230-01	5.2840-03

TEFF = 16000.0																	
LOG(G) = 4.50																	
X = 0.14300																	
Y = 0.85700																	
WAVELENGTH	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	
504.26	5.8270	01	1061.56	7.4860	08	2050.00	3.6010	03	3696.18	9.7300	07	4034.83	1.2530	08	4078.38	1.1230	08
546.43	2.9130	02	1086.41	8.7890	08	2127.72	3.3280	03	3697.15	9.7250	07	4101.73	3.6780	07	4141.06	1.1450	08
549.38	5.6580	03	1100.00	9.0830	08	2292.47	2.8300	03	3698.31	9.7450	07	4217.72	1.1160	08	4297.27	1.0280	08
590.11	9.3180	04	1112.26	9.2280	08	2484.88	2.3650	03	3700.50	9.7540	07	4340.46	3.1720	07	4422.28	9.5540	07
911.76	3.7650	05	1136.26	9.3200	08	2600.00	2.1340	03	3702.69	9.7160	07	4586.15	8.5090	07	4762.63	7.4620	07
911.76	3.7080	05	1161.33	9.1580	08	2600.00	2.1340	03	3703.85	9.6840	07	4861.32	2.4210	07	4892.89	6.4850	07
913.07	6.0190	05	1175.00	8.8750	08	2677.27	2.0090	03	3705.25	9.7160	07	4953.86	6.5370	07	5016.38	6.2930	07
915.54	6.8540	05	1181.83	8.5610	08	2937.39	1.7500	03	3707.91	9.7260	07	5050.00	6.1570	07	5123.58	5.8680	07
918.03	7.0580	05	1194.99	7.2710	08	3017.20	1.5090	03	3710.56	9.6280	07	5269.12	5.3400	07	5269.12	5.3400	07
919.35	8.0070	05	1208.45	1.4840	08	3121.75	1.3900	03	3711.97	9.5470	07	5423.16	4.8430	07	5508.11	4.5940	07
919.63	8.0690	05	1215.67	9.8480	06	3121.76	1.3920	03	3713.69	9.6150	07	5565.32	4.1740	07	5565.32	4.1740	07
920.16	8.1330	05	1216.42	9.8840	06	3169.76	1.3410	03	3716.95	9.6320	07	5989.38	3.4510	07	6352.76	2.8150	07
920.68	8.3280	05	1217.83	1.8750	07	3264.93	1.2470	03	3720.21	9.4110	07	6562.80	1.2130	07	6797.77	2.2280	07
920.96	8.4260	05	1219.25	3.3170	07	3365.99	1.1570	03	3721.94	9.2230	07	7292.74	1.7470	07	7865.45	1.3410	07
921.34	8.5230	05	1220.00	4.4600	07	3421.87	1.1110	03	3724.08	9.4230	07	8205.87	1.1580	07	8862.47	9.7370	06
922.05	8.5850	05	1223.41	1.8150	08	3421.87	1.1220	03	3728.14	9.5380	07	10448.64	5.3170	06	12726.36	2.5550	06
922.77	8.8480	05	1229.92	5.4100	08	3458.74	1.0920	03	3732.22	9.1260	07	14380.00	1.6160	06	15890.88	1.1390	06
923.15	8.9670	05	1236.50	7.1130	08	3530.87	1.0360	03	3734.37	8.7240	07	19843.04	4.8730	05	26411.82	1.6310	05
923.68	9.0950	05	1240.00	7.5620	08	3606.08	9.8110	07	3737.09	9.2190	07	32000.00	7.7130	04	34121.04	5.9990	04
924.69	9.7190	05	1249.96	8.1740	08	3647.05	9.5310	07	3742.24	9.5050	07	39024.39	3.5400	04	45573.51	1.9210	04
925.69	9.7140	05	1269.29	8.4330	08	3647.05	9.1320	07	3747.42	8.7120	07	50000.00	1.3310	04	54724.75	9.3130	03
926.22	9.8800	05	1289.23	8.3840	08	3649.67	9.1080	07	3750.15	7.8060	07	66666.67	4.2540	03	85275.25	1.5980	03
927.00	1.0070	06	1300.00	8.3180	08	3654.64	9.0920	07	3753.67	8.9730	07						
928.48	1.2470	06	1316.23	8.2040	08	3659.62	9.1120	07	3760.36	9.7690	07						
929.96	1.0690	06	1348.15	7.9330	08	3662.26	9.1350	07	3767.08	8.5700	07						
930.75	1.0860	06	1381.65	7.6430	08	3665.27	9.1730	07	3770.63	6.8550	07						
931.96	1.1980	06	1400.00	7.4860	08	3670.98	9.2710	07	3775.31	9.0160	07						
934.26	1.9420	06	1419.35	7.3140	08	3676.71	9.3950	07	3784.22	1.0380	08						
936.58	1.4170	06	1457.53	6.9860	08	3679.74	9.4630	07	3793.16	8.5510	07						
937.80	1.2980	06	1497.53	6.6610	08	3680.27	9.4950	07	3797.90	5.7390	07						
939.94	2.1030	06	1520.00	6.4970	08	3681.28	9.5080	07	3804.32	9.2040	07						
943.74	3.8590	06	1545.12	6.3000	08	3682.28	9.5290	07	3816.55	1.1340	08						
947.66	2.4840	06	1595.10	5.9350	08	3682.91	9.5390	07	3828.85	9.1060	07						
949.74	1.4780	06	1648.41	5.5810	08	3683.50	9.5550	07	3835.38	5.0420	07						
953.60	4.6480	06	1679.00	5.3960	08	3684.82	9.5840	07	3844.54	1.0040	08						
961.00	1.4550	07	1723.39	5.1120	08	3686.13	9.6070	07	3862.03	1.2330	08						
968.52	7.8990	06	1816.53	4.6080	08	3686.83	9.6180	07	3879.67	9.8460	07						
972.54	2.0960	06	1920.32	4.1230	08	3687.64	9.6360	07	3889.05	4.4460	07						
981.32	4.9090	07	1980.00	3.8720	08	3689.19	9.6640	07	3902.80	1.1000	08						
998.42	2.8540	08	1991.74	3.8320	08	3690.73	9.6800	07	3929.14	1.2890	08						
1016.12	9.5420	07	2014.39	3.7340	08	3691.55	9.6860	07	3955.84	1.0980	08						
1025.72	2.8740	06	2037.56	3.6470	08	3692.52	9.7050	07	3970.07	4.0920	07						
1037.82	2.1620	08	2050.00	3.6010	08	3694.35	9.7300	07	3992.20	1.1900	08						

T EFF = 16000.0 LOG(G) = 2.50 X = 0.66667 Y = 0.33333

I	TAJ	TE	PG	PE	RHO	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	1.0120 04	9.5790-06	4.7890-06	7.6500-18	2.9810-01	-6.7430-02	4.7170 02	1.0000 00	9.9940-01	5.7290-13
3	1.0003-07	1.0110 04	9.3920-05	4.6940-05	7.5130-17	2.9790-01	-6.7430-02	4.7110 02	1.0000 00	9.9380-01	5.3500-14
5	1.0003-06	1.0090 04	9.4020-04	4.6850-04	7.5540-16	2.9620-01	-6.7430-02	4.7050 02	1.0000 00	9.3900-01	4.6490-15
7	1.0003-05	1.0090 04	9.6270-03	4.7040-03	7.8900-15	2.8510-01	-6.7300-02	4.7020 02	1.0000 00	5.9990-01	2.8210-16
9	1.0003-04	1.0050 04	1.0070-01	4.7770-02	8.0180-14	2.7110-01	-6.5600-02	4.6850 02	9.9990-01	1.1720-01	4.3270-18
11	1.0003-03	1.0610 04	1.0030 00	4.7360-01	8.0630-13	2.8470-01	-7.8367-02	-5.7550 02	9.9960-01	6.3380-02	7.2420-18
13	1.3590-03	1.0620 04	1.3500 00	6.3710-01	1.0840-12	2.9010-01	1.5930-01	4.9540 02	9.9950-01	5.0410-02	4.7960-18
15	1.8480-03	1.1320 04	1.8110 00	8.6320-01	1.3530-12	2.9710-01	4.8190-02	-6.1450 02	9.9970-01	1.9460-01	6.3110-16
17	2.5120-03	1.1380 04	2.4220 00	4.2420 00	1.1520 00	3.0420-01	-1.4030-01	4.6490 01	9.9970-01	1.7020-01	5.3820-16
19	3.4150-03	1.0930 04	3.2220 00	1.5210 00	2.5170-12	3.1700-01	-4.1970-01	-3.9280 02	9.9920-01	4.7890-02	1.0670-17
21	4.6420-03	1.1470 04	4.2610 00	2.0210 00	3.1570-12	3.2610-01	-3.3340-01	-6.2230 02	9.9950-01	1.2710-01	3.6300-16
23	6.3100-03	1.1020 04	5.5960 00	2.6380 00	4.3390-12	3.5100-01	-4.2360-01	5.1370 02	9.9880-01	3.5310-02	7.4100-18
25	8.5770-03	1.1420 04	7.2990 00	3.4490 00	5.4470-12	3.6510-01	-3.2400-01	-1.6330 02	9.9910-01	7.1220-02	9.5310-17
27	1.1660-02	1.1430 04	9.4350 00	4.4540 00	7.0460-12	3.9270-01	-1.4480-01	8.3860 00	9.9890-01	5.6350-02	5.9080-17
29	1.5850-02	1.1490 04	1.2090 01	5.7030 00	8.9760-12	4.2830-01	-1.0180-01	4.7290 00	9.9870-01	5.1940-02	5.9670-17
31	2.1540-02	1.1580 04	1.5330 01	7.2340 00	1.1300-11	4.6090-01	-7.1040-02	8.3630 00	9.9860-01	7.4150-02	7.2590-17
33	2.9290-02	1.1710 04	1.9290 01	9.1020 00	1.4060-11	5.0220-01	-6.5970-02	6.7000 00	9.9850-01	5.3570-02	1.1030-16
35	3.9810-02	1.1870 04	2.4090 01	1.1370 01	1.7320-11	5.4770-01	-8.8440-02	8.2150 00	9.9850-01	6.0910-02	2.1320-16
37	5.4120-02	1.2060 04	2.9910 01	1.4130 01	2.1140-11	5.9740-01	-1.5470-01	1.0130 01	9.9860-01	1.6240-01	1.3560-14
39	7.3560-02	1.2290 04	3.6990 01	1.7510 01	2.5630-11	6.5160-01	-2.6000-01	1.5410 01	9.9870-01	9.5300-02	1.4800-15
41	1.0003-01	1.2550 04	4.5610 01	2.1630 01	3.0880-11	7.1120-01	-6.8670-02	7.1200 00	9.9880-01	1.2730-01	4.9270-15
43	1.2590-01	1.2770 04	5.3270 01	2.5320 01	3.5360-11	7.5910-01	5.2260-01	1.4680 01	9.9890-01	1.6240-01	1.3560-14
45	1.5850-01	1.3020 04	6.2150 01	2.9640 01	4.0350-11	8.1020-01	1.2990-01	2.4990 00	9.9890-01	2.1090-01	4.0810-14
47	1.9950-01	1.3300 04	7.2470 01	3.4690 01	4.5910-11	8.6530-01	-5.1060-01	5.0000 00	9.9900-01	2.7410-01	1.2950-13
49	2.5120-01	1.3610 04	8.4450 01	4.0640 01	5.2040-11	9.2410-01	-9.9100-01	9.8360 00	9.9910-01	3.5620-01	4.4340-13
51	3.1620-01	1.3940 04	9.8380 01	4.8380 01	5.8940-11	9.8730-01	-2.1660-01	-1.0500 01	9.9920-01	4.5360-01	1.5620-12
53	3.9810-01	1.4310 04	1.1460 02	5.5860 01	6.6400-11	1.0530 00	1.8830 00	9.1690 00	9.9930-01	5.6040-01	5.5870-12
55	5.0120-01	1.4710 04	1.3370 02	6.5550 01	7.3440-11	1.1210 00	4.3060 00	2.1530 01	9.9940-01	6.6780-01	2.0360-11
57	6.3100-01	1.5140 04	1.5610 02	7.6980 01	8.4430-11	1.1900 00	3.1450 00	-7.5160 00	9.9940-01	7.6250-01	7.2890-11
59	7.9430-01	1.5620 04	1.8270 02	9.0510 01	9.5420-11	1.2580 00	1.0570 00	-1.9390 01	9.9950-01	8.3920-01	2.6080-10
61	1.0003 00	1.6120 04	2.1450 02	1.0660 02	1.0820-10	1.3270 00	-1.1280 00	-5.5920 00	9.9960-01	8.9470-01	9.0560-10
63	1.2590 00	1.6660 04	2.5270 02	1.2580 02	1.2300-10	1.3980 00	-6.9080-02	1.1130 01	9.9970-01	9.3270-01	3.0850-09
65	1.5850 00	1.7210 04	2.9840 02	1.4880 02	1.4050-10	1.4760 00	1.3280 01	2.3110 01	9.9970-01	9.5430-01	9.6570-09
67	1.9950 00	1.7810 04	3.5320 02	1.7630 02	1.6050-10	1.5530 00	2.0420 01	-5.6440 01	9.9970-01	9.6940-01	3.1360-08
69	2.5120 00	1.8480 04	4.1920 02	2.0930 02	1.8360-10	1.6310 00	1.9090 01	-1.6570 02	9.9970-01	9.8010-01	1.0500-07
71	3.1620 00	1.9160 04	4.9890 02	2.4920 02	2.1060-10	1.7190 00	1.9380 00	-2.0960 02	9.9970-01	9.8680-01	3.2980-07
73	3.9810 00	1.9680 04	5.9470 02	2.9720 02	2.4190-10	1.8150 00	4.0930 00	-1.9310 02	9.9970-01	9.9130-01	1.0020-06
75	5.0120 00	2.0630 04	7.0940 02	3.5450 02	2.7800-10	1.9200 00	5.1650 00	-1.8660 02	9.9970-01	9.9420-01	2.9150-06
77	6.3100 00	2.1370 04	8.4590 02	4.2280 02	3.2090-10	2.0390 00	4.6940 01	-3.1010 02	9.9970-01	9.9600-01	7.7440-06
79	7.9430 00	2.2190 04	1.0070 03	5.9340 02	3.6690-10	2.1540 00	4.4290 01	-5.9750 02	9.9970-01	9.9730-01	2.1300-05
81	1.0003 01	2.3120 04	1.4270 03	7.1340 02	4.1880-10	2.2560 00	3.5920 00	-8.6390 02	9.9970-01	9.9820-01	6.2880-05
83	1.2590 01	2.4140 04	1.4270 03	7.1340 02	4.7780-10	2.3580 00	-6.7380 00	-9.3260 02	9.9980-01	9.9870-01	1.8600-04
85	1.5850 01	2.5220 04	1.7020 03	8.5100 02	5.4550-10	2.4670 00	-5.1510-01	-7.8430 02	9.9980-01	9.9870-01	5.3080-04
87	1.9950 01	2.6250 04	2.0320 03	1.0160 03	6.2560-10	2.6100 00	7.8190 00	-7.2000 02	9.9980-01	9.9800-01	1.3140-03
89	2.5120 01	2.7310 04	2.4230 03	1.2120 03	7.1700-10	2.7670 00	-1.5310 01	-5.3720 02	9.9980-01	9.9630-01	3.0900-03
91	3.1620 01	2.8550 04	2.8800 03	1.4400 03	8.1500-10	2.8970 00	-1.7330 01	-2.7710 02	9.9980-01	9.9160-01	7.8700-03
93	3.9810 01	3.0020 04	3.4100 03	1.7070 03	9.1710-10	3.0100 00	-1.5670 01	-3.2510 01	9.9980-01	9.7770-01	2.1930-02
95	5.0120 01	3.1660 04	4.0280 03	2.0200 03	1.0250-09	3.1390 00	-1.3650 01	1.7880 02	9.9980-01	9.3910-01	6.0610-02
97	6.3100 01	3.3270 04	4.7510 03	2.3930 03	1.1450-09	3.3600 00	-1.3110 01	3.6310 02	9.9980-01	8.6050-01	1.3930-01
99	7.9430 01	3.4910 04	5.5700 03	2.8260 03	1.2700-09	3.6730 00	-1.2980 01	5.2720 02	9.9980-01	7.2700-01	2.7290-01



T E F = 16000.0      L O G (G) =      2.50      X =      Y =      0.33333      0.66667									
-A-	F LAM	LAM	F LAM	LAM	= LAM	LAM	F LAM	LAM	F LAM
504.26	4.4550 02	1061.56	7.8180 08	2050.00	3.5510 03	3696.18	9.1290 07	4034.83	1.1680 08
546.43	1.8060 03	1086.41	7.9320 08	2127.72	3.2990 03	3697.15	9.1790 07	4078.38	1.1270 08
649.38	3.9190 04	1100.00	7.9470 08	2292.47	2.8300 08	3698.31	9.2880 07	4101.73	6.6100 07
800.11	6.1290 05	1112.26	7.9440 08	2484.86	2.3770 08	3700.50	1.0020 08	4141.06	1.0810 08
911.76	1.9990 06	1136.26	7.9010 08	2600.00	2.1480 08	3702.59	8.9750 07	4217.72	1.0240 08
911.76	2.0560 06	1161.33	7.8110 08	2800.00	2.1480 08	3703.85	8.8490 07	4297.27	9.6500 07
913.07	1.4840 06	1175.00	7.7430 08	2677.27	2.0190 08	3705.25	9.2580 07	4340.46	5.8330 07
915.54	1.8200 06	1181.83	7.7270 08	2837.09	1.7660 08	3707.91	1.0450 08	4422.28	8.8440 07
918.03	2.0980 06	1194.99	7.6140 08	3017.20	1.5270 08	3710.56	9.0580 07	4586.15	7.8980 07
919.25	2.1490 06	1208.45	6.8530 08	3121.75	1.4060 08	3711.97	8.5640 07	4762.63	7.0140 07
919.63	2.2560 06	1215.67	3.8300 07	3121.76	1.4080 08	3713.69	9.4620 07	4861.32	4.2100 07
920.16	2.3190 06	1216.42	3.8760 07	3169.76	1.3550 08	3716.95	1.1040 08	4892.89	6.4150 07
920.68	2.4170 06	1217.83	2.2230 08	3264.93	1.2620 08	3720.21	9.2340 07	4953.86	6.1790 07
920.96	2.3990 06	1219.25	4.7160 08	3365.99	1.1710 08	3721.94	8.1630 07	5016.38	5.9390 07
921.34	2.4700 06	1220.00	5.5030 09	3421.87	1.1250 08	3724.08	9.7700 07	5050.00	5.8160 07
922.06	2.5040 06	1223.41	6.8880 08	3421.87	1.1340 08	3728.14	1.1770 08	5123.58	5.5450 07
922.77	2.7330 06	1229.92	7.3540 08	3458.74	1.1040 08	3732.22	9.7930 07	5269.12	5.0670 07
923.15	2.8010 06	1236.50	7.4310 08	3530.87	1.0470 08	3734.37	7.9850 07	5423.16	4.6100 07
923.68	2.8820 06	1240.00	7.4380 08	3606.08	9.9330 07	3737.09	1.0450 08	5508.11	4.3810 07
924.69	3.2420 06	1249.96	7.4190 08	3647.05	9.6440 07	3742.24	1.2480 08	5665.32	3.9980 07
925.69	3.2490 06	1269.29	7.3330 08	3647.05	9.2310 07	3747.42	1.0420 08	5989.38	3.3250 07
926.22	3.3620 06	1289.23	7.2330 08	3649.67	9.2250 07	3750.15	7.7790 07	6352.76	2.7290 07
927.00	3.5030 06	1300.00	7.1710 08	3654.64	9.3810 07	3753.67	1.1170 08	6562.80	1.8020 07
928.48	5.1670 06	1316.23	7.0760 08	3659.62	9.7710 07	3760.36	1.3020 08	6797.77	2.1690 07
929.96	3.9360 06	1348.15	6.9050 08	3662.26	1.0030 08	3767.08	1.1300 08	7292.74	1.7060 07
930.75	4.0390 06	1381.65	6.7120 08	3665.27	1.0300 08	3770.63	7.7470 07	7865.45	1.3160 07
931.96	4.3960 06	1400.00	5.6240 08	3670.98	1.0450 08	3775.31	1.2050 08	8205.87	1.1380 07
934.26	1.5390 07	1419.35	6.4910 08	3676.71	1.0130 08	3784.22	1.3340 08	8205.87	1.1140 07
936.58	6.9730 06	1457.53	6.2780 08	3679.74	9.9310 07	3793.16	1.2000 08	8862.47	9.3960 06
937.80	5.6220 06	1497.83	6.0630 08	3680.27	9.8950 07	3797.90	7.6220 07	10448.64	5.1820 06
939.84	1.9770 07	1520.00	5.9430 08	3681.28	9.8430 07	3804.32	1.2610 08	12726.36	2.5110 06
943.74	9.7580 07	1545.12	5.7830 08	3682.28	9.7570 07	3816.55	1.3390 08	14380.00	1.5920 06
947.66	3.1140 07	1595.10	5.5210 08	3682.81	9.7550 07	3828.85	1.2580 08	15890.88	1.1210 06
949.74	6.6720 06	1648.41	5.2490 08	3683.50	9.7170 07	3835.38	7.6060 07	19843.04	4.8220 05
953.00	1.4210 07	1678.00	5.0980 08	3684.82	9.7270 07	3844.54	1.2890 08	26411.82	1.6210 05
961.00	3.4570 08	1723.39	4.8690 08	3686.13	9.5510 07	3862.03	1.3140 08	32000.00	7.7150 04
968.52	2.8660 08	1816.53	4.4430 08	3686.83	9.5780 07	3879.57	1.2600 08	34121.04	6.0070 04
972.34	1.2090 07	1920.32	4.0260 08	3687.64	9.5520 07	3889.05	7.4010 07	39024.39	3.5600 04
981.32	5.2720 08	1980.00	3.7930 08	3689.19	9.6960 07	3902.80	1.2650 08	45573.61	1.9420 04
998.42	6.6440 08	1991.74	3.7500 08	3690.73	9.3200 07	3929.14	1.2590 08	50000.00	1.3500 04
1016.12	6.4800 08	2014.39	3.6700 08	3691.55	9.3530 07	3955.84	1.2220 08	54724.75	9.4810 03
1025.72	1.2650 07	2037.56	3.5910 08	3692.52	9.3330 07	3970.07	7.2120 07	66666.67	4.3600 03
1037.82	7.11340 08	2050.00	3.5510 08	3694.35	9.7750 07	3992.20	1.2000 08	85275.25	1.6520 03

TEFF = 16000.0 LOG(G) = 3.00 X = 0.66667 Y = 0.33333

I	TAJ	TE	PG	PE	R40	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-09	1.0270 04	3.2970-05	1.6480-05	2.5940-17	2.9810-01	-2.5080-02	-3.5010 02	1.0000 00	9.9870-01	4.3460-13
3	1.0000-07	1.0270 04	3.2390-04	1.5190-04	2.5510-16	2.9770-01	-2.5080-02	-3.5130 02	1.0000 00	9.8700-01	4.3460-14
5	1.0000-06	1.0270 04	3.2540-03	1.6160-03	2.5790-15	2.9770-01	-2.5080-02	-3.5630 02	1.0000 00	8.8220-01	3.7810-15
7	1.0000-05	1.0030 04	3.4000-02	1.6280-02	2.8540-14	2.7470-01	-2.5190-02	6.1800 01	1.0000 00	2.7010-01	2.6290-17
9	1.0000-04	1.0090 04	3.5340-01	1.6670-01	2.9910-13	2.7380-01	-2.4920-02	2.9210 02	9.9970-01	4.0780-02	5.4650-19
11	1.0000-03	1.0850 04	3.2610 00	1.5380 00	2.5680-12	3.1870-01	-2.3520-02	2.8380 02	9.9910-01	3.8530-02	5.3840-18
13	1.3590-03	1.1000 04	4.3200 00	2.0380 00	3.3530-12	3.2400-01	-2.4120-02	1.9860 02	9.9900-01	4.3290-02	1.0670-17
15	1.8480-03	1.1140 04	5.6830 00	2.6810 00	4.3550-12	3.4940-01	-2.4030-02	5.1430 01	9.9900-01	4.6980-02	1.8790-17
17	2.5120-03	1.1640 04	7.4290 00	3.5000 00	5.7550-12	3.7760-01	-2.3040-02	4.1530 02	9.9850-01	2.8070-02	4.8870-18
19	3.4150-03	1.1140 04	9.6360 00	4.5390 00	7.3940-12	4.0590-01	-1.3450-02	3.4050 02	9.9830-01	2.8270-02	6.6640-18
21	4.6420-03	1.1270 04	1.2380 01	5.8320 00	9.3900-12	4.3840-01	-1.3150-02	7.6620 00	9.9820-01	3.0340-02	1.1000-17
23	6.3100-03	1.1320 04	1.5760 01	7.4220 00	1.1910-11	4.8170-01	-1.0040-02	-1.4810 01	9.9790-01	2.7000-02	9.9260-18
25	8.5770-03	1.1360 04	1.9880 01	9.3570 00	1.4970-11	5.3450-01	-3.1630-03	-1.4270 01	9.9760-01	2.3520-02	8.2840-18
27	1.1660-02	1.1410 04	2.4850 01	1.1700 01	1.8630-11	5.9550-01	-1.4400-02	-1.3080 01	9.9720-01	2.1600-02	8.1060-18
29	1.5950-02	1.1500 04	3.0850 01	1.4510 01	2.2960-11	6.6370-01	-3.1110-02	-1.2000 01	9.9700-01	2.1450-02	1.0050-17
31	2.1540-02	1.1620 04	3.8060 01	1.7910 01	2.8020-11	7.3860-01	-3.0540-02	-1.1190 01	9.9690-01	2.3130-02	1.0070-17
33	2.9290-02	1.1780 04	4.6770 01	2.2010 01	3.3980-11	8.2080-01	-3.1340-02	-1.0440 01	9.9690-01	2.6690-02	3.1670-17
35	3.9810-02	1.1960 04	5.7310 01	2.6980 01	4.0990-11	9.1130-01	-1.1830-01	-9.2850 00	9.9700-01	3.2300-02	7.2490-17
37	5.4120-02	1.2150 04	7.0040 01	3.3000 01	4.9250-11	1.0120 00	-1.5420-01	-7.8380 00	9.9720-01	4.0410-02	1.8410-16
39	7.3560-02	1.2390 04	8.5470 01	4.0300 01	5.8980-11	1.1230 00	-1.9010-01	-6.1890 00	9.9740-01	5.1930-02	5.1090-16
41	1.0000-01	1.2630 04	1.0420 02	4.9190 01	7.0370-11	1.2430 00	-2.2840-01	-4.1840 00	9.9760-01	6.9770-02	1.5460-15
43	1.2590-01	1.2840 04	1.2080 02	5.7120 01	8.0160-11	1.3390 00	-2.4480-01	-2.6680 00	9.9770-01	8.9320-02	4.3490-15
45	1.5850-01	1.3080 04	1.4010 02	6.6370 01	9.1140-11	1.4420 00	-2.5140-01	-9.8400-01	9.9790-01	1.1660-01	1.2430-14
47	1.9950-01	1.3330 04	1.6250 02	7.7180 01	1.0350-10	1.5530 00	-2.5750-01	1.5700-01	9.9800-01	1.5320-01	3.7160-14
49	2.5120-01	1.3620 04	1.8860 02	8.9870 01	1.1710-10	1.6700 00	-2.6140-01	1.6230 00	9.9820-01	2.0540-01	1.2360-13
51	3.1620-01	1.3940 04	2.1900 02	1.0480 02	1.3240-10	1.7970 00	-2.1800-01	2.2640 00	9.9840-01	2.7340-01	4.2490-13
53	3.9810-01	1.4290 04	2.5440 02	1.2240 02	1.4920-10	1.9310 00	-1.3350-01	2.6010 00	9.9860-01	3.6200-01	1.5630-12
55	5.0120-01	1.4670 04	2.9560 02	1.4320 02	1.6800-10	2.2770 00	-1.7360-02	2.3630 00	9.9890-01	4.6390-01	5.6980-12
57	6.3100-01	1.5080 04	3.4380 02	1.6770 02	1.8870-10	2.2270 00	-3.2510-02	2.1900 00	9.9910-01	5.7590-01	2.1330-11
59	7.9430-01	1.5530 04	4.0040 02	1.9650 02	2.1220-10	2.3860 00	-1.0310-01	1.0050 00	9.9940-01	6.8070-01	7.5990-11
61	1.0000 00	1.5600 04	4.6700 02	2.3040 02	2.3890-10	2.5450 00	-2.9640-01	9.8480-01	9.9920-01	7.7260-01	2.6770-10
63	1.2590 00	1.5500 04	5.4590 02	2.7050 02	2.6970-10	2.7110 00	-1.9920-01	1.4180 00	9.9940-01	8.4270-01	8.8570-10
65	1.5950 00	1.7010 04	6.3930 02	3.1760 02	3.0570-10	2.8880 00	1.4310-01	2.9150 00	9.9940-01	8.8970-01	2.6780-09
67	1.9950 00	1.7560 04	7.5000 02	3.7330 02	3.4680-10	3.0670 00	1.7570-01	2.8540 00	9.9940-01	9.2290-01	8.1100-09
69	2.5120 00	1.8160 04	8.8200 02	4.3960 02	3.9370-10	3.2420 00	2.0010-01	-1.2280-01	9.9940-01	9.4810-01	2.5580-08
71	3.1620 00	1.8780 04	1.0400 03	5.1880 02	4.4850-10	3.4410 00	-3.9130-02	-1.0260 00	9.9950-01	9.6460-01	7.4770-08
73	3.9810 00	1.9430 04	1.2280 03	6.1290 02	5.1140-10	3.6490 00	-5.4240-01	5.8890-01	9.9950-01	9.7610-01	2.1550-07
75	5.0120 00	2.0140 04	1.4520 03	7.2500 02	5.8320-10	3.8600 00	-2.5370-01	1.2160 00	9.9950-01	9.8410-01	6.3010-07
77	6.3100 00	2.0790 04	1.7170 03	8.5790 02	6.6800-10	4.1310 00	5.7420-01	1.8740 00	9.9950-01	9.8870-01	1.5550-06
79	7.9430 00	2.1510 04	2.0300 03	1.0150 03	7.6330-10	4.3980 00	2.7640-01	5.4570-01	9.9950-01	9.9220-01	3.9710-06
81	1.0000 01	2.2350 04	2.4010 03	1.2000 03	8.6860-10	4.6360 00	-1.9410-01	-1.6960 00	9.9960-01	9.9480-01	1.1160-05
83	1.2590 01	2.3370 04	2.8450 03	1.4220 03	9.8860-10	4.8720 00	-5.0230-01	-1.4910 00	9.9960-01	9.9660-01	3.1650-05
85	1.5950 01	2.4190 04	3.3750 03	1.6870 03	1.1280-09	5.1480 00	-3.3020-01	2.5030 00	9.9960-01	9.9760-01	8.3090-05
87	1.9950 01	2.5160 04	4.0050 03	2.0020 03	1.2870-09	5.4450 00	5.0210-01	2.1910 00	9.9960-01	9.9820-01	2.1070-04
89	2.5120 01	2.6100 04	4.7520 03	2.3760 03	1.4720-09	5.8040 00	6.7120-01	-1.1150 00	9.9960-01	9.9810-01	4.8000-04
91	3.1620 01	2.7230 04	5.6360 03	2.8170 03	1.6730-09	6.0930 00	-9.3750-02	-4.2510 00	9.9960-01	9.9760-01	1.2320-03
93	3.9810 01	2.8520 04	6.6860 03	3.3430 03	1.8940-09	6.3440 00	-4.1290-01	-1.0350 00	9.9960-01	9.9570-01	3.3250-03
95	5.0120 01	2.9920 04	7.9420 03	3.9720 03	2.1450-09	6.6360 00	-1.8430-01	1.5150 00	9.9960-01	9.9040-01	8.8100-03
97	6.3100 01	3.1350 04	9.4390 03	4.7240 03	2.4310-09	7.0050 00	-4.1620-01	2.8350-01	9.9970-01	9.7780-01	2.1590-02
99	7.9430 01	3.2670 04	1.1200 04	5.5170 03	2.7470-09	7.4370 00	-2.9930-01	-5.6170-02	9.9970-01	9.4910-01	5.0420-02

TEFF = 16000.0 LOG(G) = 3.00 X = 0.66667 Y = 0.33333									
_LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.421D 02	1061.56	8.514D 08	2050.00	3.457D 03	3696.19	8.925D 07	4034.83	1.192D 08
546.43	5.580D 02	1086.41	8.784D 08	2127.72	3.200D 03	3697.15	8.953D 07	4078.38	1.142D 08
649.38	9.657D 03	1100.00	8.828D 08	2292.47	2.726D 03	3698.31	8.991D 07	4101.73	5.998D 07
800.11	1.329D 05	1112.26	8.822D 08	2484.88	2.284D 03	3700.50	9.319D 07	4141.06	1.100D 08
911.76	4.905D 05	1136.26	8.773D 08	2600.00	2.064D 03	3702.69	8.727D 07	4217.72	1.043D 08
911.76	4.885D 05	1161.33	8.655D 08	2600.00	2.064D 03	3703.85	8.678D 07	4297.27	9.807D 07
913.67	1.141D 06	1175.00	8.555D 08	2677.27	1.937D 03	3705.25	8.895D 07	4340.46	5.323D 07
915.54	1.458D 06	1181.83	8.458D 09	2837.09	1.693D 03	3707.91	8.537D 07	4422.28	8.974D 07
918.03	1.653D 06	1194.99	8.216D 08	3017.20	1.463D 03	3710.56	8.637D 07	4586.15	7.993D 07
919.35	1.771D 06	1208.45	6.231D 08	3121.75	1.349D 03	3711.97	8.367D 07	4762.63	7.072D 07
919.53	1.781D 06	1215.67	2.253D 07	3121.76	1.350D 03	3713.69	8.914D 07	4861.32	3.918D 07
920.15	1.812D 06	1216.42	2.262D 07	3169.76	1.302D 03	3716.95	9.937D 07	4892.89	6.44CD 07
920.68	1.917D 06	1217.83	8.044D 07	3264.93	1.212D 03	3720.21	8.566D 07	4953.86	6.222D 07
920.96	1.935D 06	1219.25	2.662D 08	3365.99	1.126D 08	3721.94	7.874D 07	5016.38	5.974D 07
921.34	1.957D 06	1220.00	3.690D 08	3421.87	1.081D 08	3724.08	8.962D 07	5050.00	5.846D 07
922.06	1.972D 06	1223.41	6.459D 08	3421.87	1.087D 03	3728.14	1.056D 08	5123.58	5.576D 07
922.77	2.068D 06	1229.92	7.699D 08	3458.74	1.058D 08	3732.22	8.835D 07	5269.12	5.085D 07
923.15	2.116D 06	1236.50	7.945D 08	3530.87	1.005D 05	3734.37	7.545D 07	5423.16	4.623D 07
923.63	2.165D 06	1240.00	7.988D 08	3606.08	9.535D 07	3737.09	9.378D 07	5508.11	4.391D 07
924.69	2.333D 06	1249.96	8.006D 08	3647.05	9.269D 07	3742.24	1.134D 08	5665.32	3.998D 07
925.69	2.342D 06	1269.29	7.919D 08	3647.05	8.876D 07	3747.42	9.224D 07	5989.38	3.318D 07
926.22	2.399D 06	1289.23	7.790D 08	3649.67	8.859D 07	3750.15	7.191D 07	6352.76	2.719D 07
928.48	3.150D 06	1316.23	7.578D 08	3654.04	8.939D 07	3753.67	9.927D 07	6562.80	1.72CD 07
929.96	2.68CD 06	1348.15	7.348D 08	3662.26	9.339D 07	3767.08	1.005D 08	7292.74	1.696D 07
930.75	2.732D 06	1381.65	7.103D 08	3665.27	9.557D 07	3770.63	7.057D 07	7865.45	1.305D 07
931.96	3.073D 06	1400.00	6.967D 08	3670.38	9.906D 07	3775.31	1.089D 08	8205.87	1.128D 07
934.26	5.628D 06	1419.35	6.801D 08	3676.71	9.957D 07	3784.22	1.285D 08	8205.87	1.116D 07
936.58	3.816D 06	1457.53	6.535D 08	3679.74	9.848D 07	3793.16	1.088D 08	8862.47	9.406D 06
937.80	3.413D 06	1497.83	6.258D 08	3680.27	9.823D 07	3797.90	6.874D 07	10448.64	5.172D 06
939.84	6.542D 06	1520.00	5.108D 08	3681.28	9.766D 07	3804.32	1.174D 08	12720.36	2.499D 06
943.74	2.291D 07	1545.12	5.923D 08	3682.28	9.710D 07	3816.55	1.324D 08	14380.00	1.585D 06
947.66	8.767D 06	1595.10	5.615D 08	3682.81	9.693D 07	3828.85	1.183D 08	15890.88	1.116D 06
949.74	3.933D 06	1648.41	5.293D 08	3683.50	9.649D 07	3835.38	6.822D 07	19843.04	4.797D 05
953.60	3.830D 07	1678.00	5.121D 08	3684.82	9.590D 07	3844.54	1.249D 08	26411.82	1.612D 05
961.00	1.874D 08	1723.39	4.865D 08	3686.13	9.473D 07	3862.03	1.325D 08	32000.00	7.661D 04
968.52	1.130D 08	1816.53	4.400D 08	3686.83	9.460D 07	3879.67	1.226D 08	34121.04	5.969D 04
972.54	5.871D 06	1920.32	3.942D 08	3687.64	9.412D 07	3889.05	6.637D 07	39024.39	3.539D 04
981.32	3.895D 08	1980.00	3.704D 08	3689.19	9.393D 07	39C2.80	1.261D 08	45573.51	1.929D 04
998.42	6.269D 08	1991.74	3.664D 08	3590.73	9.186D 07	3929.14	1.282D 08	50000.00	1.342D 04
1016.12	5.517D 09	2014.39	3.583D 08	3591.55	9.190D 07	3955.84	1.224D 08	54724.75	9.407D 03
1025.72	7.369D 06	2037.56	3.501D 08	3592.52	9.151D 07	3970.07	6.487D 07	66666.67	4.335D 03
1037.82	6.825D 08	2050.00	3.457D 08	3694.35	9.291D 07	3992.20	1.217D 08	85275.25	1.643D 03

TEFF = 16000.0 LOG(G) = 3.50 X = 0.56667 Y = 0.33333

I	TAU	TE	PG	PE	RHO	KAPZ	D= (%)	D TE	XH2	XHE2	XHE3
1	1.0000-03	1.019D 04	1.0700-04	5.347D-05	8.491D-17	2.980D-01	-8.796D-02	-3.239D 02	1.0000 00	9.944D-01	7.743D-14
3	1.0000-07	1.017D 04	1.054D-03	5.252D-04	8.393D-16	2.964D-01	-8.796D-02	-3.150D 02	1.0000 00	9.943D-01	7.079D-15
5	1.0000-06	1.023D 04	1.071D-02	5.255D-03	8.611D-15	2.877D-01	-8.796D-02	-4.498D 02	1.0000 00	6.762D-01	7.243D-16
7	1.0000-05	9.816D 03	1.135D-01	5.358D-02	9.861D-14	2.694D-01	-8.300D-02	-4.453D 02	9.998D-01	5.363D-02	3.721D-19
9	1.0000-04	1.038D 04	1.123D 00	5.292D-01	9.239D-13	2.872D-01	-8.324D-02	-8.331D 01	9.994D-01	3.114D-02	8.358D-19
11	1.0000-03	1.103D 04	9.138D 00	4.302D 00	7.088D-12	4.033D-01	-7.117D-01	-2.254D 02	9.981D-01	2.240D-02	3.011D-18
13	1.359D-03	1.080D 04	1.170D 01	5.502D 00	9.283D-12	4.547D-01	-1.056D 00	5.035D 02	9.967D-01	9.772D-03	2.922D-19
15	1.848D-03	1.084D 04	1.496D 01	7.830D 00	1.183D-11	5.038D-01	-1.092D-01	5.034D 02	9.961D-01	8.520D-03	2.497D-19
17	2.512D-03	1.131D 04	1.888D 01	8.886D 00	1.428D-11	5.248D-01	-1.050D-01	-3.248D 02	9.975D-01	2.202D-02	6.361D-18
19	3.415D-03	1.114D 04	2.377D 01	1.117D 01	1.828D-11	6.086D-01	5.363D 00	1.220D 00	9.961D-01	1.163D-02	1.103D-18
21	4.642D-03	1.117D 04	2.956D 01	1.388D 01	2.267D-11	6.869D-01	5.529D 00	4.841D 00	9.954D-01	1.020D-02	9.297D-19
23	6.310D-03	1.123D 04	3.648D 01	1.713D 01	2.787D-11	7.768D-01	1.810D 00	4.802D 00	9.948D-01	9.364D-03	8.987D-19
25	8.577D-03	1.130D 04	4.474D 01	2.100D 01	3.394D-11	8.763D-01	2.328D 00	1.687D 01	9.943D-01	9.300D-03	1.102D-18
27	1.166D-02	1.141D 04	5.467D 01	2.566D 01	4.107D-11	9.855D-01	8.025D-02	-5.369D 00	9.941D-01	9.998D-03	1.723D-18
29	1.585D-02	1.155D 04	6.661D 01	3.127D 01	4.943D-11	1.106D 00	2.077D-01	2.163D 00	9.941D-01	1.143D-02	3.251D-18
31	2.154D-02	1.171D 04	8.099D 01	3.803D 01	5.928D-11	1.240D 00	-1.041D-02	8.595D 00	9.943D-01	1.351D-02	6.812D-18
33	2.929D-02	1.188D 04	9.833D 01	4.619D 01	7.095D-11	1.391D 00	-2.345D-01	6.235D 00	9.945D-01	1.619D-02	1.488D-17
35	3.981D-02	1.266D 04	1.193D 02	5.604D 01	8.471D-11	1.560D 00	-2.153D-01	1.509D 01	9.947D-01	1.986D-02	3.485D-17
37	5.412D-02	1.226D 04	1.445D 02	6.791D 01	1.009D-10	1.748D 00	-3.114D-01	1.084D 01	9.951D-01	2.495D-02	8.814D-17
39	7.356D-02	1.278D 04	1.749D 02	8.226D 01	1.199D-10	1.956D 00	-4.563D-01	1.444D 01	9.955D-01	3.205D-02	2.397D-16
41	1.070D-01	1.272D 04	2.116D 02	9.964D 01	1.423D-10	2.187D 00	-4.924D-01	6.751D 00	9.958D-01	4.210D-02	7.021D-16
43	1.259D-01	1.291D 04	2.442D 02	1.151D 02	1.616D-10	2.373D 00	-1.724D-01	2.264D 01	9.959D-01	5.284D-02	1.697D-15
45	1.585D-01	1.313D 04	2.818D 02	1.330D 02	1.832D-10	2.568D 00	8.516D-01	8.088D 00	9.961D-01	6.817D-02	4.515D-15
47	1.995D-01	1.338D 04	3.255D 02	1.538D 02	2.037D-10	2.775D 00	7.843D-03	3.502D 00	9.964D-01	8.941D-02	1.282D-14
49	2.512D-01	1.364D 04	3.763D 02	1.782D 02	2.347D-10	2.997D 00	-8.284D-03	4.673D 00	9.967D-01	1.190D-02	3.899D-14
51	3.162D-01	1.395D 04	4.354D 02	2.068D 02	2.649D-10	3.226D 00	-3.077D-01	1.761D 01	9.970D-01	1.627D-01	1.333D-13
53	3.981D-01	1.428D 04	5.044D 02	2.404D 02	2.987D-10	3.476D 00	9.711D-03	3.125D 01	9.974D-01	2.212D-01	4.696D-13
55	5.012D-01	1.465D 04	5.848D 02	2.803D 02	3.361D-10	3.742D 00	5.003D 00	2.070D 01	9.977D-01	3.003D-01	1.773D-12
57	6.310D-01	1.505D 04	6.789D 02	3.274D 02	3.775D-10	4.028D 00	4.864D 00	2.676D 00	9.981D-01	3.982D-01	6.816D-12
59	7.943D-01	1.549D 04	7.889D 02	3.831D 02	4.234D-10	4.329D 00	3.189D 00	-2.367D 01	9.984D-01	5.096D-01	2.625D-11
61	1.000D 00	1.597D 04	9.179D 02	4.489D 02	4.747D-10	4.641D 00	3.365D 00	-3.075D 01	9.987D-01	6.247D-01	1.009D-10
63	1.259D 00	1.645D 04	1.070D 03	5.261D 02	5.340D-10	4.983D 00	2.324D 00	-1.979D 01	9.989D-01	7.210D-01	3.815D-10
65	1.585D 00	1.692D 04	1.247D 03	6.160D 02	6.031D-10	5.363D 00	6.221D 00	-1.203D 01	9.990D-01	7.909D-01	9.864D-10
67	1.995D 00	1.742D 04	1.455D 03	7.211D 02	6.811D-10	5.738D 00	1.283D 01	-6.201D 01	9.990D-01	8.463D-01	2.874D-09
69	2.512D 00	1.801D 04	1.702D 03	8.455D 02	7.686D-10	6.088D 00	1.268D 01	-1.233D 02	9.991D-01	8.940D-01	9.105D-09
71	3.162D 00	1.863D 04	1.995D 03	9.933D 02	8.695D-10	6.451D 00	2.318D 00	-1.597D 02	9.991D-01	9.283D-01	2.811D-08
73	3.981D 00	1.927D 04	2.345D 03	1.169D 03	9.866D-09	5.847D 00	6.564D 00	-1.712D 02	9.991D-01	9.512D-01	8.204D-08
75	5.012D 00	1.989D 04	2.759D 03	1.376D 03	1.124D-09	7.318D 00	5.615D 00	-1.752D 02	9.992D-01	9.655D-01	2.130D-07
77	6.310D 00	2.048D 04	3.245D 03	1.620D 03	1.283D-09	7.871D 00	2.604D 01	-2.337D 02	9.992D-01	9.746D-01	4.936D-07
79	7.943D 00	2.121D 04	3.819D 03	1.907D 03	1.456D-09	8.318D 00	2.900D 01	-3.841D 02	9.992D-01	9.829D-01	1.376D-06
81	1.000D 01	2.262D 04	4.503D 03	2.249D 03	1.654D-09	9.352D 00	-2.213D 00	-5.543D 02	9.993D-01	9.920D-01	9.817D-06
83	1.259D 01	2.262D 04	5.315D 03	2.656D 03	1.884D-09	9.352D 00	-2.213D 00	-5.543D 02	9.993D-01	9.920D-01	9.817D-06
85	1.585D 01	2.376D 04	6.284D 03	3.140D 03	2.138D-09	9.817D 00	-3.082D-01	-4.823D 02	9.994D-01	9.947D-01	2.668D-05
87	1.995D 01	2.465D 04	7.436D 03	3.716D 03	2.439D-09	1.045D 01	-2.525D 00	-4.187D 02	9.994D-01	9.962D-01	6.416D-05
89	2.512D 01	2.552D 04	8.795D 03	4.396D 03	2.786D-09	1.118D 01	-1.788D 01	-2.786D 02	9.994D-01	9.970D-01	1.621D-04
91	3.162D 01	2.663D 04	1.040D 04	5.200D 03	3.158D-09	1.171D 01	-1.731D 01	-7.540D 01	9.994D-01	9.973D-01	3.761D-04
93	3.981D 01	2.725D 04	1.233D 04	6.164D 03	3.582D-09	1.226D 01	-1.694D 01	1.276D 02	9.995D-01	9.971D-01	9.779D-04
95	5.012D 01	2.907D 04	1.464D 04	7.318D 03	4.070D-09	1.290D 01	-1.667D 01	3.236D 02	9.995D-01	9.961D-01	2.430D-03
97	6.310D 01	3.048D 04	1.739D 04	8.695D 03	4.610D-09	1.353D 01	-1.567D 01	5.047D 02	9.995D-01	9.926D-01	6.246D-03
99	7.943D 01	3.192D 04	2.066D 04	1.034D 04	5.228D-09	1.430D 01	-1.657D 01	6.816D 02	9.995D-01	9.842D-01	1.487D-02

TEFF = 16000.0		LOG(G) =		X =		Y =		0.33333	
		3.50		F LAM		LAM		F LAM	
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	6.431D 01	1061.56	8.609D 08	2050.00	3.433D 08	3696.18	9.089D 07	4034.83	1.208D 08
546.43	3.307D 02	1086.41	9.221D 08	2127.72	3.183D 08	3697.15	9.087D 07	4078.38	1.146D 08
649.38	5.540D 03	1100.00	9.318D 08	2292.47	2.711D 03	3698.31	9.074D 07	4101.73	5.656D 07
800.11	1.038D 05	1112.26	9.360D 08	2484.88	2.259D 08	3700.50	9.166D 07	4141.06	1.112D 08
911.76	4.378D 06	1136.26	9.324D 08	2600.00	2.039D 08	3703.69	8.811D 07	4217.72	1.057D 08
911.76	4.384D 05	1161.33	9.078D 08	2600.00	2.039D 08	3703.85	8.780D 07	4297.27	9.921D 07
913.07	9.179D 05	1175.00	8.963D 08	2677.27	1.915D 08	3705.25	8.886D 07	4340.46	5.043D 07
915.54	1.356D 06	1181.93	8.898D 08	2837.09	1.673D 04	3707.91	9.194D 07	4422.28	9.100D 07
918.03	1.246D 06	1194.99	8.416D 08	3017.20	1.446D 08	3710.56	8.650D 07	4586.15	8.097D 07
919.33	1.352D 06	1208.45	4.883D 08	3121.75	1.332D 08	3711.97	8.511D 07	4762.63	7.149D 07
919.63	1.372D 06	1215.57	1.715D 07	3121.76	1.334D 08	3713.69	8.835D 07	4861.32	3.749D 07
920.16	1.522D 06	1216.42	1.732D 07	3169.76	1.285D 08	3715.95	9.370D 07	4892.89	6.465D 07
920.68	1.494D 06	1217.83	4.079D 07	3264.93	1.198D 08	3720.21	8.433D 07	4953.86	6.276D 07
920.96	1.509D 06	1219.25	1.269D 08	3365.99	1.113D 08	3721.94	8.002D 07	5016.38	6.030D 07
921.34	1.499D 06	1220.00	2.003D 08	3421.87	1.069D 08	3724.08	8.724D 07	5050.00	5.902D 07
922.06	1.516D 06	1223.41	5.282D 08	3421.87	1.072D 08	3728.14	9.774D 07	5123.58	5.619D 07
922.77	1.639D 06	1229.92	7.544D 08	3458.74	1.044D 08	3732.22	8.490D 07	5269.12	5.124D 07
923.15	1.551D 06	1236.50	8.135D 08	3530.87	9.922D 07	3734.37	7.569D 07	5423.16	4.651D 07
923.68	1.672D 06	1240.00	8.224D 08	3606.08	9.425D 07	3737.09	8.899D 07	5508.11	4.418D 07
924.69	1.785D 06	1249.96	8.366D 08	3647.05	9.168D 07	3742.24	1.042D 08	5665.32	4.021D 07
925.69	1.793D 06	1269.29	8.308D 08	3647.05	8.779D 07	3747.42	8.621D 07	5989.38	3.334D 07
926.22	1.882D 06	1289.23	8.159D 08	3649.67	8.759D 07	3750.15	7.046D 07	6352.76	2.729D 07
927.00	1.837D 06	1300.00	8.053D 08	3654.64	8.810D 07	3753.67	9.196D 07	6562.80	1.661D 07
928.48	2.316D 06	1316.23	7.935D 08	3659.82	8.938D 07	3760.36	1.129D 08	6797.77	2.164D 07
929.96	2.037D 06	1348.15	7.637D 08	3662.26	9.054D 07	3767.08	9.223D 07	7292.74	1.699D 07
930.75	2.071D 06	1381.65	7.324D 08	3665.27	9.196D 07	3770.63	6.787D 07	7865.45	1.308D 07
931.96	2.309D 06	1400.00	7.193D 08	3670.98	9.496D 07	3775.31	9.964D 07	8205.87	1.129D 07
934.26	3.727D 06	1419.35	7.030D 08	3676.71	9.694D 07	3784.22	1.214D 08	8205.87	1.122D 07
936.58	2.771D 06	1457.53	6.707D 08	3679.74	9.735D 07	3793.16	9.893D 07	8862.47	9.458D 06
937.80	2.531D 06	1497.83	6.403D 08	3680.27	9.735D 07	3797.90	6.528D 07	10448.64	5.194D 06
939.84	4.199D 06	1520.00	6.240D 08	3681.28	9.734D 07	3804.32	1.087D 08	12726.36	2.505D 06
943.74	9.214D 06	1545.12	6.040D 08	3682.28	9.738D 07	3815.55	1.287D 08	14380.00	1.588D 06
947.66	5.1175D 06	1595.10	5.691D 08	3682.81	9.732D 07	3828.85	1.097D 08	15890.88	1.119D 06
949.74	2.906D 06	1648.41	5.371D 08	3683.50	9.717D 07	3835.38	6.434D 07	19843.04	4.805D 05
953.60	1.370D 07	1678.00	5.197D 08	3684.82	9.684D 07	3844.54	1.190D 08	26411.82	1.615D 05
961.00	8.138D 07	1723.39	4.903D 08	3686.13	9.605D 07	3862.03	1.314D 08	32000.00	7.652D 04
968.52	3.891D 07	1816.53	4.420D 08	3686.83	9.592D 07	3879.67	1.170D 08	34121.04	5.969D 04
972.54	4.187D 06	1920.32	3.943D 08	3687.94	9.554D 07	3889.05	6.231D 07	39024.39	3.530D 04
981.32	2.338D 08	1980.00	3.714D 08	3689.19	9.507D 07	3902.80	1.233D 08	45573.51	1.922D 04
998.42	5.237D 08	1991.74	3.653D 08	3690.73	9.378D 07	3929.14	1.291D 08	50000.00	1.335D 04
1016.12	3.862D 08	2014.39	3.562D 08	3691.55	9.364D 07	3953.84	1.207D 08	54724.75	9.355D 03
1025.72	5.516D 06	2037.56	3.484D 08	3692.52	9.322D 07	3970.07	6.107D 07	66566.67	4.301D 03
1037.82	5.702D 08	2050.00	3.433D 08	3694.35	9.324D 07	3992.20	1.218D 08	85275.25	1.626D 03

TESE = 16000.0 LOG(G) = 4.00 X = 0.66667 Y = 0.33333

I	TAU	TE	PG	PF	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	1.0090-04	3.4130-04	1.7040-04	2.7360-16	2.9740-01	3.3550-02	4.1180-01	1.0000-00	9.7690-01	1.3290-14
3	1.0003-07	1.0160-04	3.3830-03	1.6760-03	2.7140-15	2.9300-01	3.3550-02	-1.3470-02	1.0000-00	8.4100-01	1.8000-15
5	1.0003-06	1.0190-04	3.5030-02	1.6880-02	2.8790-14	2.7790-01	3.3550-02	-2.1420-02	1.0000-00	3.6590-01	9.4820-17
7	1.0003-05	9.8680-03	3.6410-01	1.7150-01	3.1540-13	2.7400-01	3.7010-02	4.6000-02	9.9950-01	2.0440-02	6.2770-20
9	1.0003-04	1.0470-04	3.3360-00	1.5700-00	2.7260-12	3.2610-01	3.0240-02	2.1300-02	9.9840-01	1.3800-02	2.1450-19
11	1.0003-03	1.0180-04	2.2610-01	1.0630-01	1.7320-11	5.8790-01	-8.7180-01	2.5500-02	9.9650-01	1.3500-02	1.6680-18
13	1.3593-03	1.1150-04	2.8170-01	1.3230-01	2.1660-11	6.7060-01	-1.4310-00	1.3440-02	9.9550-01	1.0020-02	8.3540-19
15	1.8483-03	1.1200-04	3.4980-01	1.5430-01	2.6770-11	7.5920-01	-2.7650-01	1.7780-02	9.9480-01	9.2730-03	8.3230-19
17	2.5123-03	1.1800-04	4.2950-01	2.0150-01	3.2950-11	8.7400-01	8.9370-01	-5.2510-02	9.9350-01	7.2080-03	4.7490-19
19	3.4153-03	1.1260-04	5.2470-01	2.4610-01	4.0000-11	9.9080-01	8.7410-00	-4.6230-01	9.9300-01	7.0900-03	5.6250-19
21	4.6423-03	1.1310-04	6.3780-01	2.9900-01	4.8420-11	1.1310-00	1.0510-01	-5.0080-01	9.9210-01	6.6470-03	5.7030-19
23	6.3103-03	1.1390-04	7.7270-01	3.6210-01	5.8260-11	1.2870-00	4.9270-00	-2.6950-01	9.9150-01	6.6950-03	7.2050-19
25	8.5773-03	1.1510-04	9.3370-01	4.3760-01	6.9690-11	1.4550-00	4.3800-00	-4.0000-01	9.9140-01	7.3200-03	1.1720-18
27	1.1663-02	1.1650-04	1.1270-02	5.2830-01	8.3100-11	1.6410-00	7.2900-02	-9.4030-00	9.9150-01	8.4230-03	2.2340-18
29	1.5953-02	1.1800-04	1.3600-02	6.3760-01	9.8970-11	1.8520-00	-1.0250-00	-2.7360-01	9.9160-01	9.8260-03	4.4410-18
31	2.1543-02	1.1950-04	1.6390-02	7.6850-01	1.1770-10	2.0920-00	-3.3000-01	-2.2700-00	9.9190-01	1.1520-02	8.9510-18
33	2.9293-02	1.2110-04	1.9740-02	9.2570-01	1.3980-10	2.3660-00	-4.5880-01	-2.5540-01	9.9210-01	1.3500-02	1.8040-17
35	3.9813-02	1.2270-04	2.3740-02	1.1140-02	1.6650-10	2.6790-00	-6.6200-01	1.9790-00	9.9230-01	1.5820-02	3.6280-17
37	5.4123-02	1.2440-04	2.8540-02	1.3390-02	1.9680-10	3.0350-00	-8.5680-01	-5.6860-00	9.9240-01	1.8550-02	7.3110-17
39	7.3563-02	1.2620-04	3.4280-02	1.6090-02	2.3290-10	3.4360-00	-1.2380-00	-4.4570-01	9.9260-01	2.2010-02	1.5260-16
41	1.0003-01	1.2820-04	4.1150-02	1.9330-02	2.7520-10	3.8750-00	-1.6360-00	-7.9900-01	9.9270-01	2.7000-02	3.5450-16
43	1.2593-01	1.2990-04	4.7210-02	2.2180-02	3.1140-10	4.2270-00	-1.3310-00	3.6010-00	9.9290-01	3.2450-02	7.3540-16
45	1.5853-01	1.3180-04	5.4190-02	2.5480-02	3.5200-10	4.6000-00	-2.0190-01	8.9010-00	9.9310-01	3.9980-02	1.6560-15
47	1.9953-01	1.3400-04	6.2270-02	2.9300-02	3.9750-10	4.9850-00	-2.8620-01	8.8490-00	9.9360-01	5.1260-02	4.2560-15
49	2.5123-01	1.3650-04	7.1640-02	3.3760-02	4.4850-10	5.3900-00	-8.5570-01	1.2500-01	9.9410-01	6.7410-02	1.1970-14
51	3.1623-01	1.3940-04	8.2560-02	3.9980-02	5.0540-10	5.8080-00	-5.7430-02	1.2030-01	9.9470-01	9.1710-02	3.8180-14
53	3.9813-01	1.4260-04	9.5320-02	4.5120-02	5.6910-10	6.2470-00	1.4680-00	1.5740-01	9.9530-01	1.2740-01	1.3380-13
55	5.0123-01	1.4620-04	1.1030-03	5.2390-02	6.3980-10	6.7060-00	3.6090-00	9.8870-00	9.9600-01	1.7990-01	5.1660-13
57	6.3103-01	1.5020-04	1.2780-03	6.1020-02	7.1830-10	7.1980-00	4.5290-00	-9.6070-00	9.9670-01	2.5350-01	2.1240-12
59	7.9433-01	1.5470-04	1.4830-03	7.1290-02	8.0500-10	7.7210-00	3.7050-00	-2.5940-01	9.9730-01	3.5150-01	9.1540-12
61	1.0003-00	1.5950-04	1.7250-03	8.3510-02	9.0110-10	8.2810-00	2.5560-00	-2.8480-01	9.9780-01	4.6770-01	3.9120-11
63	1.2593-00	1.6430-04	2.0080-03	9.7880-02	1.0120-09	8.9270-00	2.2560-00	-2.4310-01	9.9820-01	5.7570-01	1.3970-10
65	1.5853-00	1.6870-04	2.3370-03	1.1450-03	1.1420-09	9.6770-00	6.4800-00	-2.5910-01	9.9840-01	6.6080-01	4.0150-10
67	1.9953-00	1.7370-04	2.7200-03	1.3390-03	1.2850-09	1.0400-01	1.3860-01	-7.3030-01	9.9840-01	7.3960-01	1.2080-09
69	2.5123-00	1.7960-04	3.1730-03	1.5690-03	1.4830-09	1.1060-01	1.6990-01	-1.4260-02	9.9850-01	8.1510-01	4.0570-09
71	3.1623-00	1.8570-04	3.7100-03	1.8400-03	1.6270-09	1.1760-01	1.0550-01	-2.0360-02	9.9850-01	8.7110-01	1.2800-08
73	3.9813-00	1.9190-04	4.3450-03	2.1600-03	1.8410-09	1.2540-01	6.5180-00	-2.2640-02	9.9860-01	9.0950-01	3.6640-08
75	5.0123-00	1.9770-04	5.0930-03	2.5360-03	2.0910-09	1.3460-01	1.0430-01	-2.3180-02	9.9860-01	9.3400-01	9.1130-08
77	6.3103-00	2.0350-04	5.9690-03	2.9750-03	2.3790-09	1.4490-01	2.3380-01	-2.9750-02	9.9870-01	9.5090-01	2.1030-07
79	7.9433-00	2.1120-04	7.0060-03	3.4950-03	2.6860-09	1.5240-01	2.2370-01	-4.1400-02	9.9880-01	9.6780-01	6.2890-07
81	1.0003-01	2.1190-04	8.2440-03	4.1150-03	3.0480-09	1.6150-01	1.9790-01	-5.1250-02	9.9890-01	9.7810-01	1.6930-06
83	1.2593-01	2.2630-04	9.7090-03	4.8480-03	3.4720-09	1.7280-01	3.7680-01	-5.2880-02	9.9890-01	9.8430-01	3.9940-06
85	1.5853-01	2.3560-04	1.1450-04	5.7190-03	3.9310-09	1.8130-01	-3.4420-01	-4.7090-02	9.9900-01	9.8980-01	1.1360-05
87	1.9953-01	2.4420-04	1.3520-04	6.7490-03	4.4770-09	1.9320-01	-3.1780-00	-3.8730-02	9.9910-01	9.9270-01	2.6990-05
89	2.5123-01	2.5270-04	1.5960-04	7.9730-03	5.1050-09	2.0660-01	-1.7840-01	-2.5280-02	9.9920-01	9.9460-01	5.9920-05
91	3.1623-01	2.6410-04	1.8860-04	9.4260-03	5.7760-09	2.1570-01	-1.7160-01	-5.4520-01	9.9920-01	9.9570-01	1.6560-04
93	3.9813-01	2.7550-04	1.1170-04	1.1170-04	6.5570-09	2.2670-01	-1.7090-01	1.4320-02	9.9920-01	9.9630-01	4.1920-04
95	5.0123-01	2.8710-04	2.6490-04	1.3240-04	7.4610-09	2.3990-01	-1.7050-01	3.3630-02	9.9920-01	9.9630-01	9.8630-04
97	6.3103-01	3.0100-04	3.1450-04	1.5720-04	8.4460-09	2.5130-01	-1.4390-01	5.0430-02	9.9930-01	9.9540-01	2.5740-03
99	7.9433-01	3.1520-04	3.7360-04	1.8680-04	9.5790-09	2.6480-01	-1.5210-01	6.6290-02	9.9930-01	9.9220-01	6.2500-03

TEFF = 16000.0 LOG(G) = 4.00 X = 0.66667 Y = 0.33333

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	5.053D 01	1061.56	8.221D 08	2050.00	3.460D 08	3696.18	9.493D 07	4034.83	1.213D 08		
546.43	1.776D 02	1085.41	9.444D 08	2127.72	3.200D 08	3697.15	9.485D 07	4078.38	1.133D 08		
649.38	6.439D 03	1100.00	9.612D 08	2292.47	2.262D 08	3698.31	9.456D 07	4101.73	5.624D 07		
800.11	1.238D 05	1112.26	9.705D 08	2484.88	2.266D 08	3700.50	9.435D 07	4141.06	1.115D C8		
911.76	5.446D 05	1135.26	9.719D 08	2600.00	2.048D 03	3702.69	9.218D 07	4217.72	1.066D 08		
911.76	5.442D 05	1161.33	9.416D 08	2600.00	2.048D 03	3703.85	9.189D 07	4297.27	9.963D 07		
913.07	6.363D C5	1175.00	9.237D 08	2677.27	1.924D 08	3705.25	9.206D 07	4340.46	5.035D 07		
915.54	9.361D 05	1181.83	9.139D 08	2837.09	1.683D 08	3707.91	9.276D 07	4422.28	9.166D 07		
918.03	1.264D 06	1194.99	8.233D 08	3017.20	1.455D 08	3710.56	8.973D 07	4586.15	8.161D 07		
919.35	1.301D 06	1208.45	3.240D 08	3121.75	1.343D 03	3711.97	8.912D 07	4762.63	7.199D 07		
919.63	1.415D C6	1215.67	1.707D 07	3121.76	1.343D 03	3713.69	9.041D 07	4861.32	3.751D 07		
920.16	1.425D 06	1216.42	1.724D 07	3169.76	1.296D 08	3716.95	9.257D 07	4892.89	6.439D 07		
920.69	1.492D 06	1217.83	3.167D 07	3264.93	1.211D 08	3720.21	8.713D 07	4953.86	6.316D 07		
920.96	1.510D 06	1219.25	6.699D 07	3365.99	1.126D 08	3721.94	8.493D 07	5016.38	6.072D C7		
921.34	1.554D 06	1220.00	1.015D 08	3421.87	1.081D 08	3724.08	8.890D 07	5050.00	5.943D 07		
922.06	1.569D 06	1223.41	3.685D 08	3421.87	1.083D 08	3728.14	9.412D 07	5123.58	5.656D 07		
922.77	1.649D C6	1229.92	6.911D 08	3458.74	1.056D 08	3732.22	8.582D 07	5269.12	5.157D 07		
923.15	1.697D 06	1236.50	8.047D 08	3530.87	1.005D 08	3734.37	8.038D 07	5423.16	4.684D 07		
923.68	1.713D 06	1240.00	8.281D 08	3606.08	9.546D 07	3737.09	8.853D 07	5508.11	4.446D 07		
924.69	1.875D 06	1249.96	8.639D 08	3647.05	9.289D 07	3742.24	9.779D 07	5665.32	4.044C C7		
925.69	1.877D 06	1269.29	8.630D 08	3647.05	8.922D 07	3747.42	8.430D 07	5989.38	3.354D 07		
926.22	1.913D 06	1289.23	8.499D 08	3649.67	8.893D 07	3750.15	7.394D 07	6352.76	2.748C 07		
927.00	1.978D 06	1300.00	8.405D 08	3654.64	8.921D C7	3753.67	8.899D 07	6562.80	1.665D 07		
928.48	2.465D 06	1316.23	8.257D 08	3659.62	8.993D 07	3760.36	1.047D 08	6797.77	2.179D 07		
929.96	2.094D 06	1348.15	7.932D 08	3662.26	9.054D 07	3767.08	8.754D 07	7292.74	1.712D 07		
930.75	2.126D 06	1381.65	7.581D 08	3665.27	9.134D 07	3770.63	6.988D 07	7865.45	1.317D 07		
931.96	2.381D 06	1400.00	7.429D 08	3670.98	9.334D 07	3775.31	9.352D 07	8205.87	1.138D 07		
934.26	3.679D 06	1419.35	7.264D 08	3676.71	9.528D 07	3784.22	1.134D 08	8205.87	1.129D 07		
936.58	2.827D 06	1457.53	6.914D 08	3679.74	9.618D 07	3793.16	9.192D 07	8862.47	9.515D 06		
937.80	2.594D 06	1497.83	5.573D 08	3680.27	9.628D 07	3797.90	6.605D 07	10448.64	5.226D 06		
939.84	4.050D 06	1520.00	5.394D 08	3681.28	9.641D 07	3804.32	9.981D 07	12726.36	2.527D 06		
943.74	7.012D 06	1545.12	6.188D 08	3682.28	9.660D 07	3816.55	1.223D 08	14380.00	1.606D 06		
947.66	4.771D 06	1595.10	5.811D 08	3692.81	9.670D 07	3828.85	1.015D 08	15890.88	1.130D 06		
949.74	2.947D 06	1648.41	5.473D 08	3693.50	9.677D 07	3835.33	6.428D 07	19843.04	4.860D 05		
953.60	8.790D C6	1678.00	5.290D 08	3684.82	9.695D 07	3844.54	1.108D 08	26411.82	1.635D 05		
961.00	3.593D C7	1723.39	4.967D 08	3686.13	9.697D 07	3879.67	1.095D 08	32000.00	7.762D C4		
968.52	1.775D 07	1816.53	4.473D 08	3686.83	9.697D 07	3879.67	1.095D 08	34121.04	6.038D 04		
972.54	4.153D 06	1920.32	3.982D 08	3687.64	9.704D 07	3889.05	6.200D 07	39024.39	3.578D 04		
981.32	1.188D 08	1980.00	3.750D 08	3689.19	9.697D 07	3902.80	1.183D 08	45573.51	1.947D 04		
998.42	3.953D C8	1991.74	3.680D 08	3690.73	9.655D 07	3929.14	1.289D 08	50000.00	1.350D 04		
1016.12	2.290D 08	2014.39	3.591D 08	3691.55	9.646D 07	3955.84	1.165D 08	54724.75	9.461D C3		
1025.72	5.522D C6	2037.56	3.508D 08	3692.52	9.621D 07	3970.07	5.999D 07	66666.67	4.341D C3		
1037.82	3.980D 08	2050.00	3.455D 08	3694.35	9.602D 07	3992.20	1.203D 08	85275.25	1.635D 03		

TEEE = 16000.0 LOG(G) = 4.50 X = 0.66667 Y = 0.33333

I	TAJ	TE	PG	PE	RHO	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	9.9280 03	1.0870-03	5.4030-04	8.9060-16	2.9450-01	-1.0590-01	4.6280 02	1.0000 00	8.8920-01	1.2990-15
3	1.0000-07	9.8310 03	1.1090-02	5.3470-03	9.4490-15	2.7770-01	-1.0590-01	4.5830 02	1.0000 00	3.7320-01	2.8660-17
5	1.0000-06	9.6680 03	1.1640-01	5.4900-02	1.0280-13	2.6900-01	-1.0600-01	4.5070 02	9.9980-01	3.2970-02	8.0130-20
7	1.0000-05	9.7440 03	1.1310 00	5.3170-01	9.9340-12	2.9190-01	-1.1070-01	4.5420 02	9.9810-01	4.4960-03	1.9120-21
9	1.0000-04	1.0490 04	9.0180 00	4.2360-02	7.3650-13	4.2710-01	-1.1790-01	-5.6950 C2	9.9600-01	5.4960-03	3.6180-20
11	1.0000-03	1.0680 04	4.7720 01	2.2280 01	3.8510-11	1.0550 00	-3.0220 00	4.9780 02	9.8500-01	1.7530-03	6.4800-21
13	1.3590-03	1.0990 04	5.8290 01	2.1720 01	4.5610-11	1.1380 00	-3.2030 00	-3.4700 01	9.8860-01	3.3020-03	5.8240-20
15	1.8480-03	1.0870 04	7.0510 01	3.2890 01	5.5950-11	1.3580 00	-2.0920 00	9.5490 00	9.8360-01	1.9680-03	1.4310-20
17	2.5120-03	1.0920 04	8.4770 01	3.9950 01	6.7000-11	1.5530 00	5.1640 00	-3.0070 00	9.8190-01	1.8800-03	1.5210-20
19	3.4150-03	1.1100 04	1.0170 02	4.7400 01	7.9870-11	1.7670 00	2.5330 01	2.9220 01	9.8080-01	1.9330-03	2.0290-20
21	4.6420-03	1.1110 04	1.2210 02	5.6860 01	9.4880-11	2.0020 00	3.1440 01	-2.1100 00	9.8060-01	2.1370-03	3.3860-20
23	6.3100-03	1.1240 04	1.4640 02	6.8230 01	1.1250-10	2.2630 00	1.2150 01	4.3500 01	9.8090-01	2.4780-03	6.5700-20
25	8.5770-03	1.1390 04	1.7570 02	8.1910 01	1.3310-10	2.5530 00	1.2120 01	-6.7540 00	9.8170-01	2.9910-03	1.4420-19
27	1.1660-02	1.1540 04	2.1090 02	9.8360 01	1.5760-10	2.8860 00	2.1050-01	3.6690 01	9.8240-01	3.5850-03	3.1000-19
29	1.5850-02	1.1700 04	2.5320 02	1.1810 02	1.8660-10	3.2680 00	-9.1560-01	1.7800 01	9.8290-01	4.2810-03	6.5840-19
31	2.1540-02	1.1870 04	3.0390 02	1.4180 02	2.2080-10	3.6970 00	1.5510 00	5.5000 00	9.8360-01	5.2030-03	1.4760-18
33	2.9290-02	1.2040 04	3.6470 02	1.7030 02	2.6110-10	4.1860 00	5.9570-01	9.5860 00	9.8430-01	6.3190-03	3.3020-18
35	3.9810-02	1.2220 04	4.3760 02	2.0440 02	3.0850-10	4.7390 00	-3.1400-01	5.9000 00	9.8500-01	7.7130-03	7.5030-18
37	5.4120-02	1.2410 04	5.2500 02	2.4530 02	3.5420-10	5.3590 00	-2.1980-01	3.6010 00	9.8580-01	9.5380-03	1.7750-17
39	7.3560-02	1.2610 04	6.2980 02	2.9450 02	4.2990-10	6.0620 00	-4.9530-01	-4.3270 00	9.8650-01	1.1820-02	4.2320-17
41	1.0000-01	1.2830 04	7.5580 02	3.5360 02	5.0690-10	6.8290 00	-4.5740-01	2.1970 00	9.8700-01	1.5110-02	1.1110-16
43	1.2590-01	1.3020 04	8.6720 02	4.0590 02	5.7280-10	7.4380 00	-1.7660-01	1.2270 00	9.8760-01	1.8840-02	2.5740-16
45	1.5850-01	1.3220 04	9.9590 02	4.6650 02	6.4710-10	8.0880 00	2.1450-01	-3.9260 00	9.8830-01	2.3950-02	6.3500-16
47	1.9950-01	1.3460 04	1.1450 03	5.3690 02	7.3020-10	9.4700 00	2.5420-01	-4.9850 00	9.8930-01	3.1560-02	5.2650-15
49	2.5120-01	1.3720 04	1.3190 03	6.1900 02	8.2390-10	9.8760 00	7.6050-01	-7.6400 00	9.9030-01	4.2480-02	6.2090-14
51	3.1620-01	1.4020 04	1.5210 03	7.1510 02	9.2890-10	1.0200 01	5.4200-01	-5.0310-01	9.9140-01	5.8930-02	1.7500-14
53	3.9810-01	1.4300 04	1.7570 03	8.2800 02	1.0470-09	1.0980 01	8.9000-01	5.3000 00	9.9260-01	8.3010-02	6.2090-13
55	5.0120-01	1.4700 04	2.0330 03	9.6510 02	1.1790-09	1.1800 01	4.5280 00	-5.5080 00	9.9370-01	1.1860-01	2.3720-14
57	6.3100-01	1.5090 04	2.3570 03	1.1180 03	1.3270-09	1.2680 01	4.2620 00	-2.2340 01	9.9470-01	1.6980-01	9.5310-13
59	7.9430-01	1.5590 04	3.1820 03	1.5270 03	1.6730-09	1.3620 01	3.2970 00	-3.3890 01	9.9560-01	2.4100-01	3.9660-12
61	1.0000 00	1.5990 04	3.7020 03	1.7880 03	1.8800-09	1.5810 01	2.4140 00	-2.9950 01	9.9700-01	3.3400-01	1.6700-11
63	1.2590 00	1.6450 04	4.3060 04	2.0910 03	2.1190-09	1.7170 01	1.2660 01	-3.8860 01	9.9730-01	5.2140-01	6.0810-11
65	1.5850 00	1.6890 04	5.0070 03	2.4450 03	2.3830-09	1.8560 01	1.9380 01	-9.8840 01	9.9730-01	6.1010-01	5.4600-10
67	1.9950 00	1.7370 04	5.8280 03	2.8620 03	2.6720-09	1.9870 01	1.6610 01	-1.7170 02	9.9750-01	7.0480-01	1.8350-09
69	2.5120 00	1.7940 04	6.7980 03	3.3350 03	3.0020-09	2.1200 01	1.1520 01	-2.2770 02	9.9760-01	7.8560-01	5.9760-09
71	3.1620 00	1.8540 04	7.9410 03	3.9320 03	3.3810-09	2.2620 01	5.6630 00	-2.4880 02	9.9770-01	8.4680-01	1.8010-08
73	3.9810 00	1.9160 04	9.2860 03	4.6100 03	3.8250-09	2.4270 01	-2.4990-01	-2.4050 02	9.9780-01	8.8780-01	4.6940-08
75	5.0120 00	1.9760 04	1.0860 04	5.4000 03	4.3420-09	2.6180 01	1.5680 01	-2.5840 02	9.9790-01	9.1550-01	1.0880-07
77	6.3100 00	2.0330 04	1.2720 04	6.3330 03	4.8990-09	2.7710 01	2.6160 01	-3.6830 02	9.9810-01	9.4240-01	3.0650-07
79	7.9430 00	2.1060 04	1.4930 04	7.4410 03	5.5430-09	2.9360 01	2.5040 01	-4.9300 02	9.9830-01	9.6070-01	8.3050-07
81	1.0000 00	2.1830 04	1.7540 04	8.7510 03	6.2870-09	3.1230 01	1.5700-01	-5.3460 02	9.9840-01	9.7260-01	2.0990-06
83	1.2590 01	2.2600 04	2.0660 04	1.0310 04	7.1130-09	3.2840 01	-6.0980 00	-4.2940 02	9.9860-01	9.8200-01	5.8880-06
85	1.5850 01	2.3510 04	2.4370 04	1.2170 04	8.0950-09	3.5040 01	-2.6520 00	-3.4940 02	9.9870-01	9.8710-01	1.3830-05
87	1.9950 01	2.4350 04	2.8720 04	1.4340 04	9.2230-09	3.7550 01	-1.9230 01	-2.2130 02	9.9880-01	9.9040-01	3.0240-05
89	2.5120 01	2.5190 04	3.3890 04	1.6930 04	1.0430-08	3.9300 01	-1.1560 01	-2.5350 01	9.9890-01	9.9250-01	8.1160-05
91	3.1620 01	2.6280 04	4.0110 04	2.0040 04	1.1810-08	4.1150 01	-1.9730 01	1.6540 02	9.9890-01	9.9410-01	2.1410-04
93	3.9810 01	2.7460 04	4.7570 04	2.3770 04	1.3410-08	4.3250 01	-1.6030 01	3.4420 02	9.9890-01	9.9510-01	5.3620-04
95	5.0120 01	2.8680 04	5.6480 04	2.8230 04	1.5220-08	4.5580 01	-1.5420 01	5.0650 02	9.9900-01	9.9540-01	1.3380-03
97	6.3100 01	3.0010 04	6.7100 04	3.3530 04	1.7270-08	4.8140 01	-1.6100 01	6.7170 02	9.9900-01	9.9430-01	3.2060-03
99	7.9430 01	3.1490 04									



TEP = 16000.0 LOG(G) = 4.50 X = 0.66667 Y = 0.33333									
-LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.25	1.296D 02	1061.56	7.726D 08	2050.00	3.509D 03	3696.18	9.480D 07	4034.83	1.216D 08
546.43	7.042D 04	1085.41	9.009D 08	2127.72	3.239D 03	3697.15	9.478D 07	4078.38	1.114D 08
649.38	1.065D 04	1100.00	9.624D 08	2292.47	2.748D 03	3698.31	9.469D 07	4101.73	5.097D 07
800.11	1.579D 05	1112.26	9.759D 08	2484.88	2.283D 08	3700.50	9.455D 07	4141.06	1.116D 08
911.76	5.465D 05	1136.26	9.884D 08	2600.00	2.060D 08	3702.85	9.350D 07	4217.72	1.077D 08
911.76	5.435D 05	1161.33	9.645D 08	2600.00	2.060D 08	3703.85	9.341D 07	4297.27	9.992D 07
913.07	1.019D 06	1175.00	9.327D 08	2677.27	1.931D 03	3705.25	9.335D 07	4340.46	4.595D 07
915.54	1.396D 06	1181.83	9.092D 08	3037.09	1.686D 08	3707.91	9.339D 07	4422.28	9.244D 07
918.03	1.334D 06	1194.99	7.760D 08	3017.20	1.454D 08	3710.56	9.125D 07	4586.15	8.238D 07
919.35	1.399D 06	1208.45	1.869D 08	3121.75	1.341D 08	3711.97	9.080D 07	4762.63	7.252D 07
919.63	1.289D 06	1215.67	1.186D 07	3121.76	1.341D 08	3713.69	9.122D 07	4861.32	3.462D 07
920.15	1.304D 06	1216.42	1.184D 07	3169.76	1.293D 08	3716.95	9.184D 07	4892.89	6.398D 07
920.63	1.362D 06	1217.83	2.171D 07	3264.93	1.206D 08	3720.21	8.832D 07	4953.86	6.360D 07
920.96	1.382D 06	1219.25	4.031D 07	3365.99	1.119D 08	3721.94	8.711D 07	5016.38	6.120D 07
921.34	1.373D 06	1220.00	5.718D 07	3421.97	1.075D 08	3724.08	8.904D 07	5050.00	5.991D 07
922.06	1.390D 06	1223.41	2.240D 08	3421.97	1.076D 03	3728.14	9.177D 07	5123.58	5.703D 07
922.77	1.364D 06	1229.92	5.921D 08	3458.74	1.048D 08	3732.22	8.583D 07	5269.12	5.197D 07
923.15	1.338D 06	1236.50	7.618D 08	3530.87	9.975D 07	3734.37	8.248D 07	5423.16	4.718D 07
923.69	1.348D 06	1240.00	8.010D 08	3606.08	9.466D 07	3737.09	8.769D 07	5503.11	4.477D 07
924.69	1.328D 06	1249.96	8.602D 08	3647.05	9.199D 07	3742.24	9.353D 07	5665.32	4.070D 07
925.69	1.321D 06	1269.29	8.858D 08	3649.67	8.839D 07	3747.42	8.320D 07	5989.38	3.372D 07
926.22	1.383D 06	1289.23	8.777D 08	3649.67	8.817D 07	3750.15	7.498D 07	6352.76	2.756D 07
927.00	1.426D 06	1300.00	8.694D 08	3654.64	8.805D 07	3753.67	8.663D 07	6562.80	1.568D 07
928.48	1.592D 06	1315.23	8.552D 08	3659.62	8.837D 07	3760.36	9.834D 07	6797.77	2.185D 07
929.96	1.458D 06	1348.15	8.219D 08	3662.26	8.881D 07	3767.08	8.397D 07	7292.74	1.715D 07
930.75	1.498D 06	1381.65	7.844D 08	3665.27	8.939D 07	3770.63	6.893D 07	7865.45	1.318D 07
931.96	1.572D 06	1400.00	7.694D 08	3670.98	9.086D 07	3775.31	8.913D 07	8205.87	1.138D 07
934.25	2.296D 06	1419.35	7.515D 08	3676.71	9.254D 07	3784.22	1.062D 08	8205.87	1.135D 07
936.53	1.761D 06	1457.53	7.137D 08	3679.74	9.337D 07	3793.16	8.622D 07	8862.47	9.561D 06
937.80	1.674D 06	1497.83	6.778D 08	3680.27	9.350D 07	3797.90	6.285D 07	10448.64	5.237D 06
939.84	2.515D 06	1520.00	6.591D 08	3681.28	9.381D 07	3804.32	9.356D 07	12726.36	2.523D 06
943.74	4.394D 06	1545.12	6.365D 08	3682.28	9.406D 07	3816.55	1.157D 08	14380.00	1.599D 06
947.66	2.989D 06	1595.10	5.969D 08	3682.91	9.413D 07	3828.85	9.376D 07	15890.88	1.127D 06
949.74	1.896D 06	1648.41	5.603D 08	3683.50	9.425D 07	3835.38	5.971D 07	19843.04	4.831D 05
953.60	5.475D 06	1678.00	5.414D 08	3684.82	9.454D 07	3844.54	1.034D 08	26411.82	1.621D 05
961.00	1.736D 07	1723.39	5.079D 08	3686.13	9.477D 07	3862.03	1.234D 08	32000.00	7.676D 04
968.52	9.740D 06	1816.53	4.560D 08	3686.83	9.489D 07	3879.67	1.020D 08	34121.04	5.979D 04
972.54	2.581D 06	1920.32	4.047D 08	3687.64	9.497D 07	3889.05	5.666D 07	39024.39	3.531D 04
981.32	5.535D 07	1980.00	3.806D 08	3689.19	9.518D 07	3902.80	1.125D 08	45573.51	1.920D 04
998.42	2.680D 08	1991.74	3.732D 08	3690.73	9.527D 07	3929.14	1.265D 08	50000.00	1.331D 04
1016.12	1.101D 08	2014.39	3.645D 08	3691.55	9.534D 07	3955.84	1.113D 08	54724.75	9.326D 03
1025.72	3.612D 08	2037.56	3.559D 08	3692.52	9.526D 07	3970.07	5.474D 07	66666.67	4.267D 03
1037.82	2.365D 08	2050.00	3.506D 08	3694.35	9.529D 07	3992.20	1.181D 08	85275.25	1.609D 03

T E F F = 16000.0 LOG(G) = 2.50

X = 1.00000

Y = 0.0

I	TAJ	TE	PG	PF	RHD	KAPZ	D F (%)	D TE	XH2	XHE2	XHE3
1	1.0000-C8	1.044D C4	6.874D-06	3.437D-06	3.991D-18	3.975D-01	-4.124D-02	-5.110D C2	1.000D C0	0.0	0.0
3	1.0000-C7	1.046D C4	6.732D-05	3.366D-05	3.902D-17	3.975D-01	-4.124D-02	-5.445D C2	1.000D C0	0.0	0.0
5	1.0000-C6	1.045D C4	6.717D-04	3.358D-04	3.897D-16	3.975D-01	-4.124D-02	-5.238D C2	1.000D C0	0.0	0.0
7	1.0000-C5	1.043D C4	6.711D-C3	3.356D-03	3.898D-15	3.977D-01	-4.123D-02	-4.985D C2	1.000D C0	0.0	0.0
9	1.0000-C4	1.048D C4	6.677D-02	3.338D-02	3.860D-14	3.994D-01	-4.122D-02	-5.218D C2	1.000D C0	0.0	0.0
11	1.0000-C3	1.105D C4	6.483D-01	3.241D-01	3.554D-13	4.129D-01	-4.144D-02	-5.021D C2	9.998D-C1	0.0	0.0
13	1.359D-C3	1.113D C4	8.737D-01	4.368D-01	4.758D-13	4.177D-01	-4.188D-02	-4.787D C2	9.998D-C1	0.0	0.0
15	1.848D-C3	1.083D C4	1.175D C0	5.873D-01	6.579D-13	4.276D-01	-4.030D-02	-3.019D C2	9.996D-C1	0.0	0.0
17	2.512D-C3	1.120D C4	1.576D C0	7.878D-01	8.529D-13	4.331D-01	-3.543D-02	-3.947D C2	9.997D-C1	0.0	0.0
19	3.415D-C3	1.134D C4	2.104D C0	1.052D C0	1.125D-12	4.430D-01	-3.752D-02	-4.839D C2	9.997D-C1	0.0	0.0
21	4.642D-C3	1.067D C4	2.794D C0	1.397D C0	1.559D-12	4.679D-01	-2.556D-02	-5.068D C2	9.992D-C1	0.0	0.0
23	6.310D-C3	1.135D C4	3.689D C0	1.844D C0	1.970D-12	4.769D-01	-2.576D-02	-4.533D C2	9.995D-C1	0.0	0.0
25	8.577D-C3	1.148D C4	4.843D C0	2.421D C0	2.558D-12	4.977D-01	-3.049D-02	-2.803D C2	9.994D-C1	0.0	0.0
27	1.166D-02	1.142D C4	6.314D C0	3.156D C0	3.353D-12	5.306D-01	-3.249D-02	-2.470D C0	9.992D-C1	0.0	0.0
29	1.585D-02	1.148D C4	8.154D C0	4.075D C0	4.308D-12	5.662D-01	-2.573D-02	-2.061D C0	9.990D-C1	0.0	0.0
31	2.154D-02	1.156D C4	1.043D C0	5.211D C0	5.472D-12	6.078D-01	-2.566D-02	-1.356D C0	9.989D-C1	0.0	0.0
33	2.929D-02	1.166D C4	1.321D C1	6.601D C0	6.869D-12	6.553D-01	-2.733D-02	-5.818D-C1	9.988D-C1	0.0	0.0
35	3.981D-02	1.180D C4	1.660D C1	8.294D C0	8.527D-12	7.078D-01	-2.440D-02	-2.661D-01	9.988D-C1	0.0	0.0
37	5.412D-02	1.198D C4	2.071D C1	1.035D C1	1.048D-11	8.245D-01	-2.573D-02	-1.438D C0	9.989D-C1	0.0	0.0
39	7.356D-02	1.221D C4	2.572D C1	1.285D C1	1.277D-11	9.245D-01	-2.573D-02	-1.438D C0	9.989D-C1	0.0	0.0
41	1.0000-C1	1.247D C4	3.184D C1	1.591D C1	1.549D-11	8.885D-01	-4.060D-02	-1.567D C0	9.990D-C1	0.0	0.0
43	1.259D-C1	1.269D C4	3.733D C1	1.866D C1	1.783D-11	9.386D-01	-3.546D-02	-1.629D C0	9.991D-C1	0.0	0.0
45	1.585D-C1	1.294D C4	4.376D C1	2.187D C1	2.050D-11	9.908D-01	-3.443D-02	-1.836D C0	9.991D-C1	0.0	0.0
47	1.995D-C1	1.322D C4	5.132D C1	2.565D C1	2.354D-11	1.044D C0	-5.663D-02	-1.596D C0	9.992D-C1	0.0	0.0
49	2.512D-C1	1.367D C4	7.084D C1	3.541D C1	2.700D-11	1.100D C0	-3.529D-02	-1.642D C0	9.992D-C1	0.0	0.0
51	3.162D-C1	1.387D C4	8.347D C1	4.172D C1	3.097D-11	1.157D C0	-9.773D-02	-1.395D C0	9.993D-C1	0.0	0.0
53	3.981D-C1	1.424D C4	8.347D C1	4.172D C1	3.553D-11	1.216D C0	-5.261D-02	-9.331D-C1	9.994D-C1	0.0	0.0
55	5.012D-C1	1.465D C4	9.852D C1	4.925D C1	4.077D-11	1.278D C0	-2.268D-02	-6.977D-C1	9.995D-C1	0.0	0.0
57	6.310D-C1	1.509D C4	1.166D C2	5.827D C1	4.682D-11	1.342D C0	-1.027D-02	-6.077D-C1	9.995D-C1	0.0	0.0
59	7.943D-C1	1.557D C4	1.383D C2	6.913D C1	5.384D-11	1.411D C0	-1.561D-01	-7.844D-C1	9.996D-C1	0.0	0.0
61	1.0000 C0	1.609D C4	1.644D C2	8.221D C1	6.196D-11	1.483D C0	-4.017D-01	-5.560D-C1	9.997D-C1	0.0	0.0
63	1.585D C0	1.664D C4	1.960D C2	9.797D C1	7.138D-11	1.560D C0	-3.118D-01	-2.631D-01	9.997D-C1	0.0	0.0
65	1.995D C0	1.721D C4	2.338D C2	1.169D C2	8.233D-11	1.646D C0	-1.557D-01	-1.749D C0	9.997D-C1	0.0	0.0
67	2.512D C0	1.782D C4	2.791D C2	1.395D C2	9.490D-11	1.736D C0	-3.118D-01	-1.007D C0	9.997D-C1	0.0	0.0
69	3.981D C0	1.849D C4	3.333D C2	1.666D C2	1.093D-10	1.827D C0	-3.106D-01	-1.392D C0	9.997D-C1	0.0	0.0
71	5.162D C0	1.919D C4	3.986D C2	1.993D C2	1.259D-10	1.925D C0	-4.756D-01	-2.366D C0	9.997D-C1	0.0	0.0
73	6.310D C0	1.995D C4	4.773D C2	2.386D C2	1.450D-10	2.027D C0	-1.174D C0	-2.573D-C1	9.997D-C1	0.0	0.0
75	8.577D C0	2.073D C4	5.719D C2	2.859D C2	1.672D-10	2.140D C0	-1.713D-01	-3.339D C0	9.998D-C1	0.0	0.0
77	1.0000 C0	2.147D C4	6.846D C2	3.423D C2	1.933D-10	2.281D C0	-1.500D C0	-1.851D C0	9.998D-C1	0.0	0.0
79	7.943D C0	2.227D C4	8.167D C2	4.083D C2	2.222D-10	2.415D C0	-7.337D-01	-2.577D C0	9.998D-C1	0.0	0.0
81	1.0000 C1	2.323D C4	9.719D C2	4.859D C2	2.536D-10	2.525D C0	-7.182D-01	-4.993D C0	9.998D-C1	0.0	0.0
83	1.259D C1	2.434D C4	1.157D C3	5.765D C2	2.882D-10	2.616D C0	-1.326D C0	-1.399D C0	9.998D-C1	0.0	0.0
85	1.585D C1	2.548D C4	1.382D C3	6.908D C2	3.286D-10	2.725D C0	-7.624D-01	-7.350D C0	9.998D-C1	0.0	0.0
87	1.995D C1	2.654D C4	1.655D C3	8.293D C2	3.780D-10	2.886D C0	-1.515D C0	-5.856D C0	9.998D-C1	0.0	0.0
89	2.512D C1	2.751D C4	1.981D C3	9.705D C2	4.365D-10	3.093D C0	-1.379D C0	-5.856D C0	9.998D-C1	0.0	0.0
91	3.162D C1	2.874D C4	2.356D C3	1.178D C3	4.968D-10	3.239D C0	-1.594D-01	-1.062D C1	9.998D-C1	0.0	0.0
93	3.981D C1	3.033D C4	2.782D C3	1.391D C3	5.608D-10	3.315D C0	-1.554D C0	-2.421D C0	9.998D-C1	0.0	0.0
95	5.012D C1	3.206D C4	3.283D C3	1.642D C3	6.208D-10	3.382D C0	-5.699D-02	-5.013D-C1	9.998D-C1	0.0	0.0
97	6.310D C1	3.367D C4	3.906D C3	1.953D C3	7.032D-10	3.532D C0	-3.166D-01	-1.184D C0	9.998D-C1	0.0	0.0
99	7.943D C1	3.529D C4	4.661D C3	2.330D C3	8.006D-10	3.717D C0	-2.550D-01	-5.563D-C1	9.998D-C1	0.0	0.0

TFF = 16000.0 LOG(G) = 2.50 X = 1.00000 Y = 0.0

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.661D 02	1061.56	7.774D 08	2050.00	3.581D 03	3696.18	9.053D 07	4034.83	1.140D 08
546.43	8.062D 02	1086.41	7.876D 08	2127.72	3.327D 03	3697.15	9.096D 07	4078.38	1.101D 08
649.38	1.186D 04	1100.00	7.891D 08	2292.47	2.850D 08	3698.31	9.235D 07	4101.73	6.741D 07
800.11	1.615D 05	1112.26	7.885D 08	2484.88	2.394D 08	3700.50	1.009D 08	4141.06	1.055D 08
911.76	7.001D 05	1136.26	7.846D 08	2600.00	2.164D 08	3702.69	8.925D 07	4217.72	9.998D 07
911.76	6.932D 05	1161.33	7.776D 08	2600.00	2.164D 08	3703.85	8.771D 07	4297.27	9.441D 07
913.07	1.359D 06	1175.00	7.718D 08	2677.27	2.025D 08	3705.25	9.245D 07	4340.46	5.933D 07
915.54	1.658D 06	1181.83	7.681D 08	2837.09	1.771D 08	3707.91	1.057D 08	4422.28	8.657D 07
918.03	2.070D 06	1194.99	7.584D 08	3017.20	1.530D 08	3710.56	9.092D 07	4586.15	7.738D 07
919.35	2.310D 06	1208.45	6.924D 08	3121.75	1.409D 08	3711.97	8.534D 07	4762.63	6.877D 07
919.63	2.345D 06	1215.67	4.724D 07	3121.76	1.409D 08	3713.69	9.515D 07	4861.32	4.259D 07
920.16	2.377D 06	1216.42	4.734D 07	3169.76	1.358D 08	3716.95	1.118D 08	4892.89	6.305D 07
920.68	2.506D 06	1217.83	2.658D 08	3264.93	1.263D 08	3720.21	9.342D 07	4953.86	6.074D 07
920.96	2.588D 06	1219.25	5.060D 08	3365.99	1.172D 08	3721.94	8.206D 07	5016.38	5.838D 07
921.34	2.669D 06	1220.00	5.758D 08	3421.87	1.125D 08	3724.08	9.887D 07	5050.00	5.715D 07
922.06	2.714D 06	1223.41	6.964D 08	3421.87	1.125D 08	3728.14	1.184D 08	5123.58	5.458D 07
922.77	2.910D 06	1229.92	7.348D 08	3458.74	1.095D 08	3732.22	9.945D 07	5269.12	4.990D 07
923.15	2.995D 06	1236.50	7.405D 08	3530.87	1.040D 08	3734.37	8.033D 07	5423.16	4.547D 07
923.68	3.089D 06	1240.00	7.409D 08	3606.08	9.862D 07	3737.09	1.059D 08	5508.11	4.324D 07
924.64	3.616D 06	1249.96	7.388D 08	3647.05	9.583D 07	3742.24	1.243D 08	5665.32	3.945D 07
925.69	3.627D 06	1269.29	7.309D 08	3647.05	9.178D 07	3747.42	1.059D 08	5989.38	3.285D 07
926.22	3.762D 06	1289.23	7.213D 08	3649.67	9.170D 07	3750.15	7.906D 07	6352.76	2.701D 07
927.00	3.919D 06	1300.00	7.159D 08	3654.64	9.365D 07	3753.67	1.129D 08	6562.80	1.806D 07
928.48	6.272D 06	1316.23	7.071D 08	3659.62	9.806D 07	3760.36	1.288D 08	6797.77	2.151D 07
929.96	4.457D 06	1348.15	6.901D 08	3662.26	1.009D 08	3767.08	1.143D 08	7292.74	1.694D 07
930.75	4.608D 06	1381.65	6.719D 08	3665.27	1.034D 08	3770.63	7.907D 07	7865.45	1.306D 07
931.96	5.809D 06	1400.00	6.618D 08	3670.98	1.034D 08	3775.31	1.206D 08	8205.87	1.128D 07
934.26	2.102D 07	1419.35	6.505D 08	3676.71	9.942D 07	3784.22	1.312D 08	8205.87	1.099D 07
936.58	8.883D 06	1457.53	6.294D 08	3679.74	9.766D 07	3793.16	1.200D 08	8862.47	9.277D 06
937.80	6.864D 06	1497.83	6.073D 08	3680.27	9.712D 07	3797.90	7.793D 07	10448.64	5.134D 06
939.84	2.782D 07	1520.00	5.953D 08	3681.28	9.671D 07	3804.32	1.248D 08	12726.36	2.493D 06
943.74	1.120D 08	1545.12	5.810D 08	3682.28	9.602D 07	3816.55	1.310D 08	14380.00	1.584D 06
947.66	4.401D 07	1595.10	5.547D 08	3682.81	9.612D 07	3828.85	1.243D 08	15890.88	1.113D 06
949.74	8.309D 06	1648.41	5.274D 08	3683.50	9.583D 07	3835.38	7.802D 07	19843.04	4.797D 05
953.60	1.701D 08	1678.00	5.127D 08	3684.82	9.630D 07	3844.54	1.266D 08	26411.82	1.615D 05
961.00	3.723D 08	1723.39	4.901D 08	3686.13	9.436D 07	3862.03	1.283D 08	32000.00	7.685D 04
968.52	3.182D 08	1815.53	4.478D 08	3686.83	9.466D 07	3879.67	1.238D 08	34121.04	5.990D 04
972.54	1.609D 07	1920.32	4.054D 08	3687.64	9.443D 07	3889.05	7.575D 07	39024.39	3.549D 04
981.32	5.442D 08	1980.00	3.828D 08	3689.19	9.652D 07	3902.80	1.238D 08	45573.51	1.939D 04
998.42	6.694D 08	1991.74	3.795D 08	3690.73	9.218D 07	3929.14	1.229D 08	50000.00	1.347D 04
1016.12	6.579D 08	2014.39	3.704D 08	3691.55	9.254D 07	3955.84	1.195D 08	54724.75	9.454D 03
1025.72	1.567D 07	2037.56	3.624D 08	3692.52	9.244D 07	3970.07	7.374D 07	66666.67	4.349D 03
1037.82	7.171D 08	2050.00	3.581D 08	3694.35	9.801D 07	3992.20	1.171D 08	85275.25	1.648D 03

TEFF = 16000.0    LOG(G) = 3.00    X = 1.00000    Y = 0.0											
I	TAJ	TF	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	9.9560 03	2.4420-05	1.2210-05	1.4860-17	3.9750-01	-1.2750-01	4.6410 02	1.0000 00	0.0	0.0
3	1.0000-07	9.9560 03	2.3970-04	1.1980-04	1.4590-16	3.9750-01	-1.2750-01	4.6410 02	1.0000 00	0.0	0.0
5	1.0000-06	9.9570 03	2.3920-03	1.1960-03	1.4560-15	3.9760-01	-1.2750-01	4.6420 02	1.0000 00	0.0	0.0
7	1.0000-05	9.9510 03	2.3890-02	1.1940-02	1.4550-14	3.9840-01	-1.2760-01	4.6390 02	1.0000 00	0.0	0.0
9	1.0000-04	9.9920 03	2.3630-01	1.1820-01	1.4340-13	4.0570-01	-1.2790-01	4.6580 02	9.9970-01	0.0	0.0
11	1.0000-03	1.0810 04	2.2080 00	1.1030 00	1.2380-12	4.5420-01	-1.3200-01	5.0420 02	9.9930-01	0.0	0.0
13	1.3590-03	1.1170 04	2.9430 00	1.4710 00	1.5970-12	4.6460-01	-2.5860-01	5.0620 02	9.9940-01	0.0	0.0
15	1.8480-03	1.1050 04	3.8980 00	1.9480 00	2.1390-12	4.9010-01	-1.3100-01	3.2400 02	9.9910-01	0.0	0.0
17	2.5120-03	1.1200 04	5.1340 00	2.5660 00	2.7790-12	5.1340-01	-1.2010-01	1.0240 02	9.9910-01	0.0	0.0
19	3.4150-03	1.1280 04	6.7070 00	3.3520 00	3.6050-12	5.4500-01	2.8770-01	2.2330 01	9.9900-01	0.0	0.0
21	4.6420-03	1.1260 04	8.6980 00	4.3460 00	4.6840-12	5.9000-01	2.7780-01	8.2880 01	9.9860-01	0.0	0.0
23	6.3100-03	1.1320 04	1.1180 01	5.5830 00	5.9900-12	6.4050-01	4.5670-02	-3.3850 00	9.9840-01	0.0	0.0
25	8.5770-03	1.1350 04	1.4220 01	7.1030 00	7.5990-12	7.0310-01	6.3770-02	-5.3650 00	9.9810-01	0.0	0.0
27	1.1650-02	1.1400 04	1.7930 01	8.9530 00	9.5400-12	7.7660-01	-2.0100-01	-1.0580-01	9.9780-01	0.0	0.0
29	1.5850-02	1.1480 04	2.2410 01	1.1190 01	1.1850-11	8.6000-01	-1.5580-01	-1.8630 00	9.9760-01	0.0	0.0
31	2.1340-02	1.1590 04	2.7810 01	1.3890 01	1.4570-11	9.5210-01	-1.3450-01	1.1970 01	9.9740-01	0.0	0.0
33	2.9290-02	1.1730 04	3.4350 01	1.7150 01	1.7770-11	1.0530 00	-2.1350-01	1.7010 00	9.9740-01	0.0	0.0
35	3.9310-02	1.1900 04	4.2260 01	2.1110 01	2.1550-11	1.1630 00	-2.5840-01	1.6240 01	9.9750-01	0.0	0.0
37	5.4120-02	1.2100 04	5.1850 01	2.5890 01	2.6000-11	1.2840 00	-2.9000-01	1.2560 01	9.9760-01	0.0	0.0
39	7.3560-02	1.2330 04	6.3480 01	3.1710 01	3.1250-11	1.4150 00	-3.5620-01	2.3530 01	9.9780-01	0.0	0.0
41	1.0000-01	1.2580 04	7.7640 01	3.8780 01	3.7450-11	1.5570 00	-2.8320-01	4.5010 00	9.9800-01	0.0	0.0
43	1.2590-01	1.2790 04	9.0270 01	4.5090 01	4.2810-11	1.6700 00	3.0570-02	1.7960 01	9.9810-01	0.0	0.0
45	1.5850-01	1.3030 04	1.0500 02	5.2450 01	4.8890-11	1.7860 00	-4.2910-01	2.7600 01	9.9820-01	0.0	0.0
47	1.9950-01	1.3290 04	1.2220 02	6.1050 01	5.5790-11	1.9090 00	-1.1850-02	1.4020 01	9.9830-01	0.0	0.0
49	2.5120-01	1.3570 04	1.4240 02	7.1150 01	6.3640-11	2.0360 00	-3.3860-01	2.2700 01	9.9850-01	0.0	0.0
51	3.1620-01	1.3670 04	1.6620 02	8.3040 01	7.2550-11	2.1660 00	3.1010-01	2.6270 01	9.9860-01	0.0	0.0
53	3.9310-01	1.4240 04	1.9430 02	9.7110 01	8.2750-11	2.3020 00	2.6550 00	1.5690 01	9.9880-01	0.0	0.0
55	5.0120-01	1.4620 04	2.2760 02	1.1380 02	9.4400-11	2.4440 00	2.5830 00	1.9530 01	9.9890-01	0.0	0.0
57	6.3100-01	1.5040 04	2.6710 02	1.3350 02	1.0770-10	2.5900 00	1.5990 00	1.6130 01	9.9910-01	0.0	0.0
59	7.9430-01	1.5480 04	3.1420 02	1.5700 02	1.2300-10	2.7440 00	-1.3950 00	6.1110 00	9.9920-01	0.0	0.0
61	1.0000 00	1.5960 04	3.7040 02	1.8510 02	1.4070-10	2.9070 00	1.1820 00	1.0460-02	9.9930-01	0.0	0.0
63	1.2390 00	1.6460 04	4.3730 02	2.1860 02	1.6110-10	3.0850 00	-3.5910-01	2.3520 01	9.9940-01	0.0	0.0
65	1.5890 00	1.6970 04	5.1670 02	2.5830 02	1.8460-10	3.2860 00	1.3460 01	2.0550 01	9.9950-01	0.0	0.0
67	1.9950 00	1.7510 04	6.1090 02	3.0540 02	2.1150-10	3.4920 00	1.2720 01	-3.7570 01	9.9950-01	0.0	0.0
69	2.5120 00	1.8120 04	7.2320 02	3.6150 02	2.4190-10	3.6970 00	1.5890 01	-1.2230 02	9.9950-01	0.0	0.0
71	3.1620 00	1.8740 04	8.5720 02	4.2850 02	2.7730-10	3.9300 00	2.1200 00	-1.7170 02	9.9950-01	0.0	0.0
73	3.9810 00	1.9390 04	1.0160 03	5.0810 02	3.1770-10	4.1750 00	2.4510 00	-1.6570 02	9.9950-01	0.0	0.0
75	5.0120 00	2.0100 04	1.2060 03	6.0280 02	3.6370-10	4.4270 00	1.1780 01	-1.7860 02	9.9950-01	0.0	0.0
77	6.3100 00	2.0750 04	1.4300 03	7.1500 02	4.1780-10	4.7450 00	3.6060 01	-2.7660 02	9.9960-01	0.0	0.0
79	7.9430 00	2.1480 04	1.6940 03	8.4680 02	4.7810-10	5.0550 00	3.3730 01	-4.6310 02	9.9960-01	0.0	0.0
81	1.0000 01	2.2320 04	2.0060 03	1.0030 03	5.4480-10	5.3300 00	2.2890 01	-6.4490 02	9.9960-01	0.0	0.0
83	1.2590 01	2.3240 04	2.3790 03	1.1890 03	6.2040-10	5.6060 00	-4.4740 00	-6.9600 02	9.9960-01	0.0	0.0
85	1.5890 01	2.4170 04	2.8230 03	1.4110 03	7.0820-10	5.9290 00	-3.5280-02	-5.9620 02	9.9960-01	0.0	0.0
87	1.9950 01	2.5130 04	3.3520 03	1.6760 03	8.0860-10	6.2790 00	3.4720 00	-5.3550 02	9.9970-01	0.0	0.0
89	2.5120 01	2.6060 04	3.9790 03	1.9890 03	9.2540-10	6.7010 00	-1.7970 01	-3.7470 02	9.9970-01	0.0	0.0
91	3.1620 01	2.7160 04	4.7150 03	2.3570 03	1.0510-09	7.0350 00	-1.7360 01	-1.5390 02	9.9970-01	0.0	0.0
93	3.9810 01	2.8490 04	5.5900 03	2.7950 03	1.1890-09	7.3150 00	-1.6450 01	6.3390 01	9.9970-01	0.0	0.0
95	5.0120 01	2.9900 04	6.6380 03	3.3190 03	1.3460-09	7.6340 00	-1.5630 01	2.6670 02	9.9970-01	0.0	0.0
97	6.3100 01	3.1330 04	7.8920 03	3.9460 03	1.5270-09	8.0250 00	-1.5810 01	4.5350 02	9.9970-01	0.0	0.0
99	7.9430 01	3.2830 04	9.3860 03	4.6920 03	1.7330-09	8.4450 00	-1.5790 01	6.2830 02	9.9970-01	0.0	0.0

TEFF = 16000.0			LOG(G) =		X =		Y =							
	_AM	F LAM	LAM		F LAM		LAM		F LAM		LAM		F LAM	
			LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM		
504.26	1.8760	02	1061.56	8.3870	08	2050.00	3.4690	08	3696.18	8.8270	07	4034.83	1.1750	08
545.43	9.1440	02	1085.41	8.6660	08	2127.72	3.2190	08	3697.15	8.8570	07	4078.38	1.1280	08
649.38	1.5990	04	1100.00	8.7090	08	2292.47	2.7400	08	3698.31	8.9210	07	4101.73	6.1190	07
900.11	2.1090	05	1112.26	8.7030	08	2484.88	2.2890	08	3700.50	9.3330	07	4141.06	1.0850	08
911.75	7.1110	05	1136.26	8.6540	08	2600.00	2.0680	08	3702.69	8.6520	07	4217.72	1.0280	08
911.75	7.2060	05	1161.33	8.5910	08	2600.00	2.0680	08	3703.85	8.5890	07	4297.27	9.6810	07
913.07	1.3210	06	1175.00	8.4950	08	2677.27	1.9350	08	3705.25	8.8480	07	4340.46	5.4120	07
915.54	1.5760	06	1181.83	8.3910	08	2837.09	1.6920	08	3707.91	9.6060	07	4422.28	8.8620	07
918.53	1.7690	06	1194.99	8.1580	08	3017.20	1.4630	08	3710.56	8.5950	07	4586.15	7.9020	07
919.35	1.8620	06	1208.45	6.4320	08	3121.75	1.3480	08	3711.97	8.2750	07	4762.63	7.0050	07
919.35	1.8850	06	1215.57	2.4500	07	3121.76	1.3480	08	3713.59	8.9100	07	4861.32	3.9680	07
920.16	1.9230	06	1216.42	2.4570	07	3169.76	1.3010	08	3716.95	1.0070	08	4892.89	6.3850	07
920.68	1.9800	06	1217.83	9.5620	07	3264.93	1.2120	08	3720.21	8.6000	07	4953.86	6.1630	07
920.96	2.0080	06	1219.25	2.9560	08	3365.99	1.1250	08	3721.94	7.8270	07	5016.38	5.9210	07
921.34	2.0460	06	1220.00	3.9850	08	3421.87	1.0810	08	3724.08	9.0190	07	5050.00	5.7970	07
922.06	2.0680	06	1223.41	6.6050	08	3421.87	1.0810	08	3728.14	1.0700	08	5123.58	5.5250	07
922.77	2.1800	06	1229.92	7.6930	08	3458.74	1.0530	08	3732.22	8.9360	07	5269.12	5.0460	07
923.15	2.2150	06	1236.50	7.9030	08	3530.87	1.0000	08	3734.37	7.5500	07	5423.16	4.5910	07
923.68	2.2590	06	1240.00	7.9560	08	3606.08	9.4940	07	3737.09	9.4920	07	5508.11	4.3600	07
924.69	2.4830	06	1249.96	7.9670	08	3647.05	9.2360	07	3742.24	1.1490	08	5665.32	3.9750	07
925.69	2.4890	06	1269.29	7.8740	08	3647.05	8.8530	07	3747.42	9.3910	07	5989.38	3.3010	07
926.22	2.5510	06	1289.23	7.7320	08	3649.67	8.8370	07	3750.15	7.2470	07	6352.76	2.7050	07
927.00	2.6250	06	1300.00	7.6550	08	3654.64	8.9260	07	3753.67	1.0110	08	6562.80	1.7350	07
928.48	3.3760	06	1316.23	7.5490	08	3659.62	9.1940	07	3760.36	1.2260	08	6797.77	2.1490	07
929.96	2.8340	06	1348.15	7.3090	08	3662.26	9.3850	07	3767.08	1.0280	08	7292.74	1.6910	07
930.75	2.8970	06	1381.65	7.1160	08	3665.27	9.6250	07	3770.63	7.1570	07	7865.45	1.3020	07
931.96	3.3070	06	1400.00	6.9810	08	3670.98	9.9470	07	3775.31	1.1050	08	8205.87	1.1240	07
934.26	6.3710	06	1419.35	6.7930	08	3676.71	9.8780	07	3784.22	1.2860	08	8205.87	1.1090	07
936.58	4.1550	06	1457.53	6.5270	08	3679.74	9.7300	07	3793.16	1.1030	08	8862.47	9.3530	06
937.80	3.6900	06	1497.83	6.2840	08	3680.27	9.6870	07	3797.90	7.0000	07	10448.64	5.1540	06
939.84	7.5130	06	1520.00	6.1380	08	3681.28	9.6230	07	3804.32	1.1820	08	12726.36	2.4950	06
943.74	2.7650	07	1545.12	5.9300	08	3682.28	9.5480	07	3816.55	1.3130	08	14380.00	1.5830	06
947.66	1.0350	07	1595.10	5.6360	08	3682.81	9.5290	07	3828.85	1.1920	08	15890.88	1.1130	06
949.74	4.2870	06	1648.41	5.3250	08	3683.50	9.4840	07	3835.38	6.9960	07	19843.04	4.7900	05
953.60	4.5790	07	1678.00	5.1590	08	3684.82	9.4360	07	3844.54	1.2480	08	26411.82	1.6120	05
961.00	1.9800	08	1723.39	4.8770	08	3686.13	9.3190	07	3852.03	1.3090	08	32000.00	7.6630	04
968.52	1.2940	08	1816.53	4.4240	08	3686.84	9.3160	07	3879.67	1.2240	08	34121.04	5.9730	04
972.54	6.5410	06	1920.32	3.9580	08	3687.64	9.2780	07	3889.05	6.8100	07	39024.39	3.5400	04
981.32	4.0060	09	1980.00	3.7260	08	3689.19	9.2940	07	3902.80	1.2480	08	45573.51	1.9300	04
998.42	6.1620	09	1991.74	3.6760	08	3690.73	9.0500	07	3929.14	1.2640	08	50000.00	1.3420	04
1016.12	5.6330	08	2014.39	3.5940	08	3691.55	9.0600	07	3955.84	1.2120	08	54724.75	9.4230	03
1025.72	8.0130	06	2037.56	3.5130	08	3692.52	9.0280	07	3970.07	6.6460	07	66666.67	4.3370	03
1037.82	6.8750	08	2050.00	3.4720	08	3694.35	9.2440	07	3992.20	1.2010	08	85275.25	1.6430	03

TFF = 16000.0    LDG(G) =    3.50    X =    1.00000    Y =    0.0													
I	TAJ	TE	PG	PE	RHO	KAPZ	D <sup>2</sup> (%)	D TE	XH2	XHE2	XHE3		
1	1.0003-08	9.624D 03	7.989D-05	3.995D-05	5.031D-17	3.975D-01	-6.712D-02	4.486D 02	1.000D 00	0.0	0.0		
3	1.0003-07	9.601D 03	7.847D-04	3.923D-04	4.953D-16	3.976D-01	-5.712D-02	4.476D 02	1.000D 00	0.0	0.0		
5	1.0003-06	9.602D 03	7.829D-03	3.915D-03	4.942D-15	3.978D-01	-6.712D-02	4.476D 02	1.000D 00	0.0	0.0		
7	1.0003-05	1.010D 04	7.803D-02	3.901D-02	4.684D-14	4.001D-01	-6.712D-02	3.995D 02	9.992D-01	0.0	0.0		
9	1.0003-04	1.004D 04	7.573D-01	3.785D-01	4.573D-13	4.231D-01	-6.716D-02	2.518D 02	9.992D-01	0.0	0.0		
11	1.0003-03	1.059D 04	6.359D 00	3.176D 00	3.643D-12	5.732D-01	-5.044D-02	3.502D 02	9.974D-01	0.0	0.0		
13	1.3593-03	1.107D 04	8.266D 00	4.130D 00	4.528D-12	5.919D-01	-5.333D-02	4.463D 02	9.983D-01	0.0	0.0		
15	1.8483-03	1.120D 04	1.064D 01	5.314D 00	5.764D-12	6.379D-01	-5.316D-02	-4.106D 02	9.982D-01	0.0	0.0		
17	2.5123-03	1.091D 04	1.363D 01	6.802D 00	7.582D-12	7.351D-01	-5.219D-02	3.193D 02	9.966D-01	0.0	0.0		
19	3.4153-03	1.112D 04	1.720D 01	8.587D 00	9.348D-12	7.948D-01	-4.538D-02	5.109D 00	9.969D-01	0.0	0.0		
21	4.6423-03	1.115D 04	2.160D 01	1.078D 01	1.177D-11	8.924D-01	-3.618D-02	-4.101D-02	9.963D-01	0.0	0.0		
23	6.3103-03	1.118D 04	2.689D 01	1.342D 01	1.461D-11	1.006D 00	-1.702D-02	-3.748D-01	9.951D-01	0.0	0.0		
25	8.5773-03	1.124D 04	3.321D 01	1.656D 01	1.794D-11	1.134D 00	2.743D-02	-5.998D-01	9.951D-01	0.0	0.0		
27	1.1663-02	1.133D 04	4.077D 01	2.033D 01	2.186D-11	1.275D 00	3.902D-02	-8.391D-01	9.948D-01	0.0	0.0		
29	1.5853-02	1.146D 04	4.986D 01	2.485D 01	2.644D-11	1.429D 00	-2.243D-03	-1.075D 00	9.945D-01	0.0	0.0		
31	2.1543-02	1.161D 04	6.080D 01	3.032D 01	3.184D-11	1.599D 00	-3.359D-02	-1.284D 00	9.947D-01	0.0	0.0		
33	2.9293-02	1.177D 04	7.402D 01	3.691D 01	3.820D-11	1.787D 00	-5.948D-02	-1.425D 00	9.949D-01	0.0	0.0		
35	3.9313-02	1.196D 04	8.995D 01	4.487D 01	4.570D-11	1.997D 00	-6.349D-02	-1.539D 00	9.951D-01	0.0	0.0		
37	5.412D-02	1.216D 04	1.092D 02	5.449D 01	5.454D-11	2.226D 00	-7.031D-02	-1.531D 00	9.955D-01	0.0	0.0		
39	7.3563-02	1.239D 04	1.326D 02	6.614D 01	6.496D-11	2.477D 00	-7.340D-02	-1.314D 00	9.959D-01	0.0	0.0		
41	1.0003-01	1.265D 04	1.609D 02	8.031D 01	7.726D-11	2.752D 00	-8.125D-02	-9.215D-01	9.963D-01	0.0	0.0		
43	1.259D-01	1.266D 04	1.862D 02	9.292D 01	8.791D-11	2.970D 00	-8.792D-02	-5.614D-01	9.965D-01	0.0	0.0		
45	1.5853-01	1.309D 04	2.155D 02	1.076D 02	9.995D-11	3.198D 00	-7.150D-02	-1.318D-01	9.967D-01	0.0	0.0		
47	1.9953-01	1.335D 04	2.498D 02	1.247D 02	1.136D-10	3.438D 00	-6.832D-02	2.794D-01	9.969D-01	0.0	0.0		
49	2.5123-01	1.363D 04	2.898D 02	1.447D 02	1.291D-10	3.687D 00	-8.235D-02	7.190D-01	9.972D-01	0.0	0.0		
51	3.1623-01	1.393D 04	3.367D 02	1.681D 02	1.467D-10	3.949D 00	-5.860D-02	7.209D-01	9.975D-01	0.0	0.0		
53	3.9813-01	1.427D 04	3.919D 02	1.957D 02	1.667D-10	4.215D 00	-3.895D-03	9.563D-01	9.978D-01	0.0	0.0		
55	5.0123-01	1.463D 04	4.570D 02	2.283D 02	1.895D-10	4.499D 00	5.217D-02	7.658D-01	9.981D-01	0.0	0.0		
57	6.3103-01	1.503D 04	5.339D 02	2.667D 02	2.155D-10	4.789D 00	1.003D-01	6.435D-01	9.983D-01	0.0	0.0		
59	7.9433-01	1.545D 04	6.250D 02	3.123D 02	2.454D-10	5.099D 00	-3.050D-02	-5.181D-02	9.985D-01	0.0	0.0		
61	1.0003 00	1.591D 04	7.333D 02	3.664D 02	2.795D-10	5.417D 00	-2.733D-01	-8.382D-01	9.988D-01	0.0	0.0		
63	1.259D 00	1.639D 04	8.615D 02	4.305D 02	3.187D-10	5.769D 00	-2.034D-01	-6.743D-01	9.990D-01	0.0	0.0		
65	1.5853 00	1.687D 04	1.013D 03	5.063D 02	3.640D-10	6.166D 00	7.326D-03	8.515D-01	9.992D-01	0.0	0.0		
67	1.9953 00	1.738D 04	1.192D 03	5.957D 02	4.158D-10	6.588D 00	1.504D-01	1.563D 00	9.992D-01	0.0	0.0		
69	2.5123 00	1.793D 04	1.403D 03	7.013D 02	4.744D-10	7.015D 00	3.624D-01	-2.191D-03	9.992D-01	0.0	0.0		
71	3.1623 00	1.852D 04	1.654D 03	8.266D 02	5.413D-10	7.465D 00	1.406D-01	-2.298D 00	9.992D-01	0.0	0.0		
73	3.9813 00	1.916D 04	1.951D 03	9.752D 02	6.174D-10	7.929D 00	-5.438D-01	-2.602D 00	9.992D-01	0.0	0.0		
75	5.0123 00	1.981D 04	2.304D 03	1.152D 03	7.052D-10	8.449D 00	-4.787D-01	7.721D-02	9.993D-01	0.0	0.0		
77	6.3103 00	2.042D 04	2.719D 03	1.359D 03	8.075D-10	9.087D 00	3.542D-01	2.670D 00	9.993D-01	0.0	0.0		
79	7.9433 00	2.112D 04	3.208D 03	1.603D 03	9.211D-10	9.686D 00	3.279D-01	4.584D-01	9.993D-01	0.0	0.0		
81	1.0003 01	2.188D 04	3.785D 03	1.892D 03	1.049D-09	1.029D 01	3.919D-02	-1.345D 00	9.993D-01	0.0	0.0		
83	1.259D 01	2.269D 04	4.470D 03	2.234D 03	1.194D-09	1.090D 01	-3.428D-01	-4.362D-01	9.994D-01	0.0	0.0		
85	1.585D 01	2.362D 04	5.287D 03	2.643D 03	1.357D-09	1.147D 01	-3.232D-01	-9.674D-01	9.994D-01	0.0	0.0		
87	1.9953 01	2.451D 04	6.258D 03	3.128D 03	1.548D-09	1.220D 01	1.578D-01	7.002D-01	9.995D-01	0.0	0.0		
89	2.512D 01	2.537D 04	7.403D 03	3.701D 03	1.769D-09	1.308D 01	4.897D-01	5.442D-01	9.995D-01	0.0	0.0		
91	3.1623 01	2.622D 04	8.754D 03	4.376D 03	2.009D-09	1.379D 01	5.977D-02	-2.677D 00	9.995D-01	0.0	0.0		
93	3.9813 01	2.762D 04	1.036D 04	5.181D 03	2.274D-09	1.441D 01	-4.693D-01	-1.095D 00	9.995D-01	0.0	0.0		
95	5.0123 01	2.892D 04	1.230D 04	6.148D 03	2.578D-09	1.506D 01	-1.685D-01	2.148D 00	9.995D-01	0.0	0.0		
97	6.3103 01	3.027D 04	1.461D 04	7.302D 03	2.925D-09	1.587D 01	2.600D-01	-2.635D-01	9.995D-01	0.0	0.0		
99	7.9433 01	3.168D 04	1.736D 04	8.676D 03	3.321D-09	1.675D 01	7.416D-02	5.208D-02	9.995D-01	0.0	0.0		

TEFF = 160C0.0 LOG(G) = 3.50 X = 1.00000 Y = 0.0									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	5.846D 01	1061.56	8.756D 08	2050.00	3.427D 08	3696.18	8.858D 07	4034.83	1.190D 08
546.43	3.155D 02	1086.41	9.286D 08	2127.72	3.166D 08	3697.15	8.866D 07	4078.38	1.132D 08
649.38	5.802D 03	1100.00	9.393D 08	2292.47	2.689D 08	3698.31	8.866D 07	4101.73	5.634D 07
800.11	9.479D 04	1112.26	9.418D 08	2484.88	2.243D 08	3700.50	9.029D 07	4141.06	1.098D 08
911.76	3.823D 05	1136.26	9.392D 08	2600.00	2.025D 08	3702.69	8.607D 07	4217.72	1.043D 08
911.76	3.799D 05	1161.33	9.251D 08	2600.00	2.025D 08	3703.85	8.579D 07	4297.27	9.790D 07
913.07	7.810D 05	1175.00	9.111D 08	2677.27	1.893D 08	3705.25	8.710D 07	4340.46	5.021D 07
915.54	1.011D 06	1181.83	8.962D 08	2837.09	1.655D 08	3707.91	9.119D 07	4422.28	8.971D 07
918.03	1.210D 06	1194.99	8.523D 08	3017.20	1.431D 08	3710.56	8.478D 07	4586.15	7.987D 07
919.35	1.298D 06	1208.45	5.122D 08	3121.75	1.319D 08	3711.97	8.304D 07	4762.63	7.060D 07
919.63	1.324D 06	1215.67	1.700D 07	3121.76	1.319D 06	3713.69	8.682D 07	4861.32	3.722D 07
920.16	1.345D 06	1216.42	1.702D 07	3169.76	1.272D 08	3716.95	9.371D 07	4892.89	6.402D 07
920.68	1.414D 06	1217.83	4.464D 07	3264.93	1.185D 08	3720.21	8.303D 07	4953.86	6.208D 07
920.96	1.433D 06	1219.25	1.444D 08	3365.99	1.100D 08	3721.94	7.790D 07	5016.38	5.962D 07
921.34	1.441D 06	1220.00	2.238D 08	3421.87	1.057D 08	3724.08	9.622D 07	5050.00	5.834D 07
922.06	1.458D 06	1223.41	5.491D 08	3421.87	1.057D 08	3728.14	9.850D 07	5123.58	5.563D 07
922.77	1.548D 06	1229.92	7.690D 08	3458.74	1.030D 08	3732.22	8.421D 07	5269.12	5.071D 07
923.15	1.579D 06	1236.50	8.222D 08	3530.97	9.787D 07	3733.37	7.383D 07	5423.16	4.609D 07
923.68	1.604D 06	1240.00	8.331D 08	3606.08	9.288D 07	3737.09	8.876D 07	5508.11	4.376D 07
924.69	1.733D 06	1249.96	8.432D 08	3647.05	9.030D 07	3742.24	1.054D 08	5665.32	3.984D 07
925.69	1.740D 06	1269.29	8.371D 08	3647.05	8.652D 07	3747.42	8.644D 07	5989.38	3.305D 07
926.22	1.780D 06	1289.23	8.228D 08	3649.67	8.632D 07	3750.15	6.917D 07	6352.76	2.707D 07
927.00	1.831D 06	1300.00	8.141D 08	3654.64	8.687D 07	3753.67	9.258D 07	6562.80	1.652D 07
928.48	2.280D 06	1316.23	7.984D 08	3659.62	8.850D 07	3760.36	1.138D 08	6797.77	2.148D 07
929.96	1.963D 06	1348.15	7.709D 08	3662.26	8.978D 07	3767.08	9.311D 07	7292.74	1.687D 07
930.75	1.996D 06	1381.65	7.422D 08	3665.27	9.147D 07	3770.63	6.704D 07	7865.45	1.298D 07
931.96	2.235D 06	1400.00	7.265D 08	3670.98	9.470D 07	3775.31	1.009D 08	8205.87	1.120D 07
934.26	3.684D 06	1419.35	7.073D 08	3676.71	9.652D 07	3784.22	1.219D 08	8205.87	1.114D 07
936.58	2.699D 06	1457.53	6.763D 08	3679.74	9.634D 07	3793.16	1.006D 08	8862.47	9.387D 06
937.80	2.459D 06	1497.83	5.447D 08	3680.27	9.634D 07	3797.90	6.470D 07	10448.64	5.155D 06
939.84	4.191D 06	1520.00	6.279D 08	3681.28	9.611D 07	3804.32	1.096D 08	12726.36	2.489D 06
943.74	1.028D 07	1545.12	6.071D 08	3682.28	9.581D 07	3816.55	1.280D 08	14380.00	1.577D 06
947.66	5.274D 06	1595.10	5.724D 08	3682.81	9.571D 07	3828.85	1.109D 08	15890.88	1.111D 06
949.74	2.830D 06	1648.41	5.375D 08	3683.50	9.544D 07	3835.38	6.387D 07	19843.04	4.771D 05
953.60	1.553D 07	1678.00	5.159D 08	3684.82	9.499D 07	3844.54	1.190D 08	26411.82	1.601D 05
961.00	8.974D 07	1723.39	4.908D 08	3686.13	9.417D 07	3862.03	1.301D 08	32000.00	7.601D 04
968.52	4.543D 07	1816.53	4.413D 08	3686.83	9.399D 07	3879.67	1.171D 08	34121.04	5.918D 04
972.54	4.104D 06	1920.32	3.936D 08	3687.64	9.355D 07	3889.05	6.197D 07	39024.39	3.504D 04
981.32	2.468D 08	1980.00	3.689D 08	3689.19	9.310D 07	3902.80	1.226D 08	45573.51	1.908D 04
998.42	5.380D 08	1991.74	3.642D 08	3690.73	9.150D 07	3929.14	1.274D 08	50000.00	1.326D 04
1016.12	4.072D 08	2014.39	3.557D 08	3691.55	9.138D 07	3955.84	1.197D 08	54724.75	9.299D 03
1025.72	5.367D 06	2037.56	3.473D 06	3692.52	9.087D 07	3970.07	6.065D 07	66666.67	4.271D 03
1037.82	5.825D 08	2050.00	3.429D 08	3694.35	9.127D 07	3992.20	1.205D 08	85275.25	1.615D 03

TEFF = 16000.0 LOG(G) = 4.00 X = 1.00000 Y = 0.0.0											
I	TAU	T <sup>2</sup>	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	9.745D 03	2.553D-04	1.277D-04	1.588D-16	3.975D-01	-1.459D-01	4.543D 02	1.000D 00	0.0	0.0
3	1.0003-07	9.632D 03	2.508D-03	1.254D-03	1.578D-15	3.976D-01	-1.459D-01	4.490D 02	1.000D 00	0.0	0.0
5	1.0003-06	9.679D 03	2.501D-02	1.250D-02	1.566D-14	3.985D-01	-1.459D-01	4.512D 02	9.999D-01	0.0	0.0
7	1.0003-05	1.002D 04	2.475D-01	1.237D-01	1.497D-13	4.059D-01	-1.408D-01	4.673D 02	9.997D-01	0.0	0.0
9	1.0003-04	1.002D 04	2.294D 00	1.146D 00	1.354D-12	4.686D-01	-1.508D-01	2.590D 02	9.984D-01	0.0	0.0
11	1.0003-03	1.081D 04	1.625D 01	8.104D 00	9.127D-12	8.129D-01	-2.025D 00	-5.868D 02	9.954D-01	0.0	0.0
13	1.359D-03	1.070D 04	2.045D 01	1.019D 01	1.163D-11	9.402D-01	-1.457D 00	-5.804D 02	9.932D-01	0.0	0.0
15	1.848D-03	1.120D 04	2.537D 01	1.266D 01	1.375D-11	9.680D-01	-2.710D-01	-3.321D 02	9.960D-01	0.0	0.0
17	2.512D-03	1.103D 04	3.153D 01	1.572D 01	1.738D-11	1.146D 00	7.817D-01	1.773D 00	9.937D-01	0.0	0.0
19	3.415D-03	1.105D 04	3.872D 01	1.929D 01	2.131D-11	1.307D 00	9.066D 00	9.870D 00	9.926D-01	0.0	0.0
21	4.642D-03	1.110D 04	4.726D 01	2.353D 01	2.591D-11	1.489D 00	8.492D 00	-7.332D-02	9.916D-01	0.0	0.0
23	6.310D-03	1.118D 04	5.743D 01	2.858D 01	3.128D-11	1.690D 00	3.154D 00	2.359D 01	9.909D-01	0.0	0.0
25	8.577D-03	1.129D 04	6.961D 01	3.464D 01	3.754D-11	1.908D 00	3.813D 00	-1.473D 00	9.907D-01	0.0	0.0
27	1.166D-02	1.143D 04	8.423D 01	4.192D 01	4.488D-11	2.148D 00	6.792D-02	3.406D 01	9.908D-01	0.0	0.0
29	1.585D-02	1.158D 04	1.018D 02	5.069D 01	5.353D-11	2.414D 00	2.532D-01	-8.181D-01	9.910D-01	0.0	0.0
31	2.154D-02	1.174D 04	1.230D 02	6.125D 01	6.378D-11	2.717D 00	4.978D-01	2.852D 01	9.914D-01	0.0	0.0
33	2.929D-02	1.191D 04	1.485D 02	7.396D 01	7.590D-11	3.062D 00	-1.624D-01	1.744D 01	9.917D-01	0.0	0.0
35	3.981D-02	1.209D 04	1.792D 02	8.925D 01	9.016D-11	3.446D 00	-3.495D-01	1.709D 01	9.922D-01	0.0	0.0
37	5.412D-02	1.229D 04	2.161D 02	1.077D 02	1.070D-10	3.874D 00	-3.428D-01	1.565D 01	9.927D-01	0.0	0.0
39	7.356D-02	1.250D 04	2.606D 02	1.269D 02	1.268D-10	4.351D 00	-6.223D-01	7.291D 00	9.932D-01	0.0	0.0
41	1.0003-01	1.274D 04	3.144D 02	1.567D 02	1.501D-10	4.870D 00	-9.524D-01	1.161D 01	9.936D-01	0.0	0.0
43	1.259D-01	1.293D 04	3.620D 02	1.804D 02	1.702D-10	5.293D 00	-2.259D-01	8.740D 00	9.938D-01	0.0	0.0
45	1.535D-01	1.314D 04	4.171D 02	2.079D 02	1.929D-10	5.732D 00	2.241D-01	1.574D 01	9.941D-01	0.0	0.0
47	1.995D-01	1.338D 04	4.811D 02	2.399D 02	2.185D-10	6.189D 00	3.596D-01	1.400D 01	9.945D-01	0.0	0.0
49	2.512D-01	1.365D 04	5.557D 02	2.771D 02	2.474D-10	6.663D 00	-2.106D-01	1.340D 01	9.950D-01	0.0	0.0
51	3.162D-01	1.394D 04	6.431D 02	3.208D 02	2.801D-10	7.147D 00	5.767D-01	2.126D 01	9.956D-01	0.0	0.0
53	3.981D-01	1.427D 04	7.456D 02	3.720D 02	3.173D-10	7.651D 00	1.318D 00	1.590D 01	9.961D-01	0.0	0.0
55	5.012D-01	1.463D 04	8.661D 02	4.323D 02	3.595D-10	8.173D 00	4.051D 00	1.000D 01	9.966D-01	0.0	0.0
57	6.310D-01	1.502D 04	1.009D 03	5.036D 02	4.076D-10	8.710D 00	3.473D 00	-3.547D 00	9.972D-01	0.0	0.0
59	7.943D-01	1.545D 04	1.177D 03	5.879D 02	4.625D-10	9.263D 00	2.260D 00	-1.718D 01	9.976D-01	0.0	0.0
61	1.0003 00	1.591D 04	1.378D 03	6.882D 02	5.252D-10	9.834D 00	2.490D 00	-1.469D 01	9.981D-01	0.0	0.0
63	1.259D 00	1.638D 04	1.615D 03	8.067D 02	5.979D-10	1.049D 01	1.017D 00	-6.120D 00	9.984D-01	0.0	0.0
65	1.585D 00	1.683D 04	1.893D 03	9.461D 02	6.825D-10	1.129D 01	5.742D 00	-4.088D 00	9.986D-01	0.0	0.0
67	1.995D 00	1.731D 04	2.220D 03	1.109D 03	7.778D-10	1.209D 01	1.121D 01	-4.701D 01	9.986D-01	0.0	0.0
69	2.512D 00	1.787D 04	2.607D 03	1.302D 03	8.845D-10	1.284D 01	1.524D 01	-9.893D 01	9.987D-01	0.0	0.0
71	3.162D 00	1.847D 04	3.066D 03	1.532D 03	1.007D-09	1.364D 01	9.609D 00	-1.615D 02	9.987D-01	0.0	0.0
73	3.981D 00	1.909D 04	3.610D 03	1.804D 03	1.147D-09	1.452D 01	5.642D 00	-1.780D 02	9.987D-01	0.0	0.0
75	5.012D 00	1.967D 04	4.252D 03	2.125D 03	1.311D-09	1.560D 01	1.457D 01	-1.814D 02	9.988D-01	0.0	0.0
77	6.310D 00	2.023D 04	5.002D 03	2.500D 03	1.499D-09	1.686D 01	2.278D 01	-2.464D 02	9.988D-01	0.0	0.0
79	7.943D 00	2.095D 04	5.885D 03	2.941D 03	1.703D-09	1.878D 01	2.041D 01	-3.479D 02	9.989D-01	0.0	0.0
81	1.0003 01	2.172D 04	6.931D 03	3.464D 03	1.936D-09	1.895D 01	1.907D 01	-4.441D 02	9.989D-01	0.0	0.0
83	1.259D 01	2.248D 04	8.171D 03	4.084D 03	2.204D-09	2.019D 01	-2.772D-03	-4.648D 02	9.990D-01	0.0	0.0
85	1.585D 01	2.340D 04	9.647D 03	4.821D 03	2.500D-09	2.125D 01	1.902D-01	-4.178D 02	9.991D-01	0.0	0.0
87	1.995D 01	2.423D 04	1.140D 04	5.696D 03	2.852D-09	2.272D 01	-2.634D 00	-3.457D 02	9.992D-01	0.0	0.0
89	2.512D 01	2.504D 04	1.345D 04	6.723D 03	3.257D-09	2.441D 01	-1.679D 01	-1.890D 02	9.992D-01	0.0	0.0
91	3.162D 01	2.610D 04	1.588D 04	7.937D 03	3.689D-09	2.563D 01	-1.621D 01	-1.209D 01	9.993D-01	0.0	0.0
93	3.981D 01	2.726D 04	1.879D 04	9.391D 03	4.178D-09	2.686D 01	-1.580D 01	1.636D 02	9.993D-01	0.0	0.0
95	5.012D 01	2.848D 04	2.227D 04	1.113D 04	4.741D-09	2.821D 01	-1.524D 01	3.330D 02	9.993D-01	0.0	0.0
97	6.310D 01	2.981D 04	2.644D 04	1.322D 04	5.378D-09	2.969D 01	-1.438D 01	4.846D 02	9.993D-01	0.0	0.0
99	7.943D 01	3.118D 04	3.140D 04	1.569D 04	6.106D-09	3.138D 01	-1.522D 01	6.365D 02	9.993D-01	0.0	0.0



TEFF = 16000.0 LOG(G) = 4.00 X = 1.00000 Y = 0.0									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	3.1180 02	1061.56	8.220D 08	2050.00	3.440D 03	3696.18	9.213D 07	4034.83	1.203D 08
540.43	1.5830 03	1086.41	9.522D 08	2127.72	3.177D 08	3697.15	9.199D 07	4078.38	1.128D 08
649.38	1.752D 04	1100.00	9.728D 08	2292.47	2.698D 03	3698.31	9.166D 07	4101.73	5.393D 07
800.11	1.8560 05	1112.26	9.778D 08	2484.88	2.244D 04	3700.50	9.157D 07	4141.06	1.106D 08
911.76	6.756D 05	1136.26	9.795D 08	2600.00	2.025D 08	3702.69	8.889D 07	4217.72	1.056D 08
911.76	6.725D 05	1161.33	9.569D 08	2600.00	2.025D 08	3703.85	8.865D 07	4297.27	9.882D 07
913.07	2.006D 06	1175.00	9.349D 08	2677.27	1.897D 08	3705.25	8.916D 07	4340.46	4.836D 07
915.54	1.8130 06	1181.83	9.228D 08	2837.09	1.657D 08	3707.09	9.061D 07	4422.28	9.091D 07
918.03	1.495D 06	1194.99	8.391D 08	3017.20	1.433D 08	3710.56	8.684D 07	4586.15	8.091D 07
919.35	1.299D 06	1208.45	3.490D 08	3121.75	1.321D 08	3711.97	8.597D 07	4762.63	7.139D 07
919.63	1.4370 06	1215.67	1.452D 07	3121.76	1.321D 08	3713.69	8.793D 07	4861.32	3.621D 07
920.16	1.4430 06	1216.42	1.454D 07	3169.76	1.274D 08	3716.95	9.108D 07	4892.89	6.423D 07
920.68	1.508D 06	1217.83	2.967D 07	3264.93	1.188D 08	3720.21	8.426D 07	4953.86	6.267D 07
920.96	1.520D 06	1219.25	7.294D 07	3365.99	1.104D 08	3721.94	8.132D 07	5016.38	6.024D 07
921.34	1.326D 06	1220.00	1.148D 08	3421.87	1.060D 08	3724.08	8.634D 07	5050.00	5.897D 07
922.06	1.336D 06	1223.41	3.922D 08	3421.87	1.060D 08	3728.14	9.360D 07	5123.58	5.614D 07
922.77	1.475D 06	1229.92	7.102D 08	3458.74	1.033D 08	3732.22	8.346D 07	5269.12	5.119D 07
923.15	1.524D 06	1236.50	8.161D 08	3530.87	9.828D 07	3734.37	7.659D 07	5423.16	4.649D 07
923.68	1.555D 06	1240.00	8.376D 08	3606.08	9.331D 07	3737.09	8.686D 07	5509.11	4.414D 07
924.69	1.576D 06	1249.96	8.669D 08	3647.05	9.082D 07	3742.24	9.849D 07	5665.32	4.018D 07
925.69	1.580D 06	1269.29	8.695D 08	3647.05	8.695D 07	3747.42	8.332D 07	5989.38	3.330D 07
926.22	1.606D 06	1289.23	8.553D 08	3649.67	8.675D 07	3750.15	7.032D 07	6352.76	2.727D 07
927.00	1.649D 06	1300.00	8.472D 08	3654.64	8.695D 07	3753.67	8.815D 07	6562.80	1.623D 07
928.48	1.964D 06	1315.23	8.308D 08	3659.62	8.795D 07	3760.36	1.060D 08	6797.77	2.163D 07
929.96	1.767D 06	1348.15	7.975D 08	3662.26	8.883D 07	3767.08	8.727D 07	7292.74	1.698D 07
930.75	1.792D 06	1381.65	7.624D 08	3665.27	8.985D 07	3770.63	6.669D 07	7865.45	1.305D 07
931.96	1.920D 06	1400.00	7.469D 08	3670.98	9.232D 07	3775.31	9.404D 07	8205.87	1.126D 07
934.26	2.957D 06	1419.35	7.296D 08	3676.71	9.434D 07	3784.22	1.151D 08	8205.87	1.122D 07
936.58	2.221D 06	1457.53	6.948D 08	3679.74	9.519D 07	3793.16	9.281D 07	8862.47	9.453D 06
937.80	2.112D 06	1520.00	6.422D 08	3680.27	9.526D 07	3797.90	6.313D 07	10448.64	5.191D 06
939.84	3.280D 06	1520.00	6.422D 08	3681.28	9.550D 07	3804.32	1.018D 08	12726.36	2.504D 06
943.74	6.230D 06	1545.12	6.199D 08	3682.28	9.557D 07	3816.55	1.231D 08	14380.00	1.587D 06
947.66	3.952D 06	1595.10	5.816D 08	3682.81	9.563D 07	3828.85	1.027D 08	15890.88	1.119D 06
949.74	2.350D 06	1648.41	5.478D 08	3683.50	9.562D 07	3835.38	6.164D 07	19843.04	4.801D 05
953.60	8.339D 06	1678.00	5.291D 08	3684.82	9.567D 07	3844.54	1.126D 08	26411.82	1.612D 05
961.00	3.924D 07	1723.39	4.972D 08	3686.13	9.545D 07	3862.03	1.279D 08	32000.00	7.651D 04
968.52	1.904D 07	1816.53	4.466D 08	3686.83	9.543D 07	3879.67	1.110D 08	34121.04	5.955D 04
972.54	3.372D 06	1920.32	3.968D 08	3687.64	9.529D 07	3889.05	5.936D 07	39024.39	3.525D 04
981.32	1.274D 08	1980.00	3.762D 08	3689.19	9.494D 07	3902.80	1.187D 08	45573.51	1.921D 04
998.42	4.014D 08	1991.74	3.660D 08	3690.73	9.423D 07	3929.14	1.273D 08	50000.00	1.332D 04
1016.12	2.423D 08	2014.39	3.574D 08	3691.55	9.413D 07	3955.84	1.168D 08	54724.75	9.339D 03
1025.72	4.543D 06	2037.56	3.483D 08	3692.52	9.379D 07	3970.07	5.809D 07	66660.67	4.307D 03
1037.82	4.158D 08	2050.00	3.441D 08	3694.35	9.356D 07	3992.20	1.199D 08	85275.25	1.625D 03

TEFF = 16000.0 LOG(G) = 4.50 X = 1.00000 Y = 0.0											
I	TAU	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	9.6640 03	8.1010-04	4.0500-04	5.0800-16	3.9760-01	-5.0700-02	4.5050 02	1.0000 00	0.0	0.0
3	1.0003-07	9.7160 03	7.9550-03	3.9780-03	4.9620-15	3.9780-01	-6.0700-02	4.5290 02	1.0000 00	0.0	0.0
5	1.0003-06	9.7040 03	7.9130-02	3.9560-02	4.9430-14	4.0060-01	-6.0760-02	4.5230 02	9.9980-01	0.0	0.0
7	1.0003-05	9.7360 03	7.6600-01	3.8270-01	4.7720-13	4.2650-01	-6.0730-02	4.5390 02	9.9860-01	0.0	0.0
9	1.0003-04	1.0470 04	6.3890 00	3.1900 00	3.7040-12	5.8170-01	-7.2720-02	-9.9190 01	9.9680-01	0.0	0.0
11	1.0003-03	1.0750 04	3.6170 01	1.7990 01	2.0490-11	1.3330 00	-3.6970 00	5.0140 02	9.8910-01	0.0	0.0
13	1.3593-03	1.0770 04	4.4410 01	2.2060 01	2.5160-11	1.5370 00	-2.2640 00	2.1640 02	9.8700-01	0.0	0.0
15	1.8483-03	1.0680 04	5.3800 01	2.6720 01	3.0170-11	1.7270 00	1.5780 00	1.7790 01	9.8680-01	0.0	0.0
17	2.5123-03	1.0930 04	6.5010 01	3.2260 01	3.6310-11	1.9730 00	4.2770 00	-4.9610 00	9.8540-01	0.0	0.0
19	3.4153-03	1.1000 04	7.8320 01	3.8850 01	4.3520-11	2.2520 00	2.2760 01	3.4030 01	9.8410-01	0.0	0.0
21	4.6423-03	1.1090 04	9.4180 01	4.6700 01	5.1880-11	2.5550 00	2.1270 01	-3.8990 00	9.8360-01	0.0	0.0
23	6.3103-03	1.1220 04	1.1320 02	5.6130 01	6.1660-11	2.8860 00	7.3860 00	-1.2080 00	9.8370-01	0.0	0.0
25	8.5773-03	1.1350 04	1.3600 02	6.7470 01	7.3200-11	3.2620 00	6.4130 00	1.9510 01	9.8390-01	0.0	0.0
27	1.1663-02	1.1500 04	1.6350 02	8.1110 01	8.6810-11	3.6840 00	-5.4690-01	9.2160 00	9.8450-01	0.0	0.0
29	1.5853-02	1.1660 04	1.9650 02	9.7510 01	1.0290-10	4.1650 00	-4.0480-01	2.3560 01	9.8500-01	0.0	0.0
31	2.1543-02	1.1830 04	2.3610 02	1.1720 02	1.2180-10	4.7040 00	1.5180 00	6.5560-01	9.8570-01	0.0	0.0
33	2.9293-02	1.2000 04	2.8360 02	1.4080 02	1.4420-10	5.3150 00	1.8190-01	2.0240 01	9.8630-01	0.0	0.0
35	3.9813-02	1.2180 04	3.4060 02	1.6920 02	1.7060-10	6.0140 00	-2.4100-01	7.1100 00	9.8690-01	0.0	0.0
37	5.4123-02	1.2370 04	4.0910 02	2.0330 02	2.0180-10	6.8030 00	-3.3170-01	6.9130 00	9.8750-01	0.0	0.0
39	7.3563-02	1.2570 04	4.9130 02	2.4420 02	2.3830-10	7.6730 00	-4.9870-01	-3.1090 00	9.8830-01	0.0	0.0
41	1.0003-01	1.2790 04	5.9020 02	2.9340 02	2.8120-10	8.6300 00	-9.6720-01	3.5320 00	9.8880-01	0.0	0.0
43	1.2593-01	1.2980 04	6.7770 02	3.3700 02	3.1810-10	9.3900 00	-4.1590-02	6.4820 00	9.8930-01	0.0	0.0
45	1.5853-01	1.3190 04	7.7890 02	3.8750 02	3.5970-10	1.0200 01	2.0930-01	4.2100 00	9.8990-01	0.0	0.0
47	1.9953-01	1.3430 04	8.9640 02	4.4610 02	4.0640-10	1.1030 01	1.2150-01	-1.9170 00	9.9070-01	0.0	0.0
49	2.5123-01	1.3690 04	1.0330 03	5.1430 02	4.5930-10	1.1900 01	5.0920-01	-9.3760-01	9.9160-01	0.0	0.0
51	3.1623-01	1.3980 04	1.1930 03	5.9410 02	5.1890-10	1.2790 01	5.1800-01	3.3340 00	9.9250-01	0.0	0.0
53	3.9813-01	1.4300 04	1.3800 03	6.8770 02	5.8660-10	1.3710 01	9.0380-01	8.5620 00	9.9350-01	0.0	0.0
55	5.0123-01	1.4660 04	1.6000 03	7.9780 02	6.6340-10	1.4660 01	4.0080 00	4.6450 00	9.9450-01	0.0	0.0
57	6.3103-01	1.5050 04	1.8600 03	9.2760 02	7.5070-10	1.5640 01	3.9490 00	-1.1520 01	9.9540-01	0.0	0.0
59	7.9433-01	1.5480 04	2.1670 03	1.0810 03	8.5010-10	1.6640 01	2.2310 00	-2.4630 01	9.9620-01	0.0	0.0
61	1.0003 00	1.5940 04	2.5300 03	1.2630 03	9.6360-10	1.7670 01	2.7550-01	-2.3180 01	9.9680-01	0.0	0.0
63	1.2593 00	1.6400 04	2.9610 03	1.4790 03	1.0960-09	1.8890 01	1.1530 00	-1.5620 01	9.9730-01	0.0	0.0
65	1.5853 00	1.6830 04	3.4660 03	1.7310 03	1.2490-09	2.0360 01	1.3530 01	-2.1670 01	9.9770-01	0.0	0.0
67	1.9953 00	1.7310 04	4.0560 03	2.0260 03	1.4220-09	2.1840 01	1.6540 01	-8.3850 01	9.9770-01	0.0	0.0
69	2.5123 00	1.7860 04	4.7540 03	2.3740 03	1.6150-09	2.3210 01	1.5350 01	-1.4860 02	9.9780-01	0.0	0.0
71	3.1623 00	1.8460 04	5.5820 03	2.7880 03	1.8350-09	2.4650 01	3.2400 00	-2.0140 02	9.9790-01	0.0	0.0
73	3.9813 00	1.9060 04	6.5620 03	3.2780 03	2.0880-09	2.6270 01	5.0580 00	-2.1260 02	9.9800-01	0.0	0.0
75	5.0123 00	1.9640 04	7.7160 03	3.8540 03	2.3830-09	2.8240 01	-1.4380 00	-1.9920 02	9.9810-01	0.0	0.0
77	6.3103 00	2.0190 04	9.0630 03	4.5270 03	3.0890-09	3.0540 01	9.7680 00	-1.9860 02	9.9810-01	0.0	0.0
79	7.9433 00	2.0910 04	1.0650 04	5.3190 03	3.0890-09	3.2370 01	1.6800 01	-2.6420 02	9.9830-01	0.0	0.0
81	1.0003 01	2.1660 04	1.2530 04	6.2590 03	3.5090-09	3.4370 01	1.5070 01	-3.4870 02	9.9840-01	0.0	0.0
83	1.2593 01	2.2410 04	1.4750 04	7.3710 03	3.9920-09	3.6660 01	-1.3110 00	-3.8110 02	9.9850-01	0.0	0.0
85	1.5853 01	2.3310 04	1.7390 04	8.6910 03	4.5260-09	3.8630 01	-5.4400 00	-3.0140 02	9.9870-01	0.0	0.0
87	1.9953 01	2.4130 04	2.0530 04	1.0260 04	5.1600-09	4.1330 01	-3.6360 00	-2.3420 02	9.9880-01	0.0	0.0
89	2.5123 01	2.4940 04	2.4200 04	1.2090 04	5.8850-09	4.4390 01	-1.2400 01	-1.3720 02	9.9890-01	0.0	0.0
91	3.1623 01	2.5610 04	2.8560 04	1.8270 04	6.6580-09	4.6550 01	-1.1750 01	-1.4600 01	9.9890-01	0.0	0.0
93	3.9813 01	2.7160 04	3.3780 04	1.6880 04	7.5420-09	4.8820 01	-1.0910 01	1.0150 02	9.9900-01	0.0	0.0
95	5.0123 01	2.8350 04	4.0040 04	2.0010 04	8.5620-09	5.1390 01	-1.0160 01	2.0750 02	9.9900-01	0.0	0.0
97	6.3103 01	2.9650 04	4.7500 04	2.3740 04	9.7140-09	5.4180 01	-9.4770 00	2.9880 02	9.9900-01	0.0	0.0
99	7.9433 01	3.1010 04	5.6390 04	2.8180 04	1.1030-08	5.7230 01	-1.0140 01	3.9420 02	9.9910-01	0.0	0.0

TEFF = 16000.0										LOG(G) =		4.50		X =		1.00000		Y =		0.0	
LAM	F LAM		LAM	F LAM		LAM		F LAM		LAM		F LAM		LAM		F LAM		LAM		F LAM	
504.26	2.070D 02	1061.56	7.870D 08	2050.00	3.481D 08	3696.18	9.414D 07	4034.83	1.207D 08												
546.43	1.010D 03	1086.41	9.348D 08	2127.72	3.212D 08	3697.15	9.408D 07	4078.38	1.112D 08												
649.38	1.097D 04	1100.00	9.759D 08	2292.47	2.724D 08	3698.31	9.384D 07	4101.73	5.173D 07												
830.11	1.448D 05	1112.26	9.932D 08	2484.88	2.262D 08	3700.50	9.371D 07	4141.06	1.109D 08												
911.76	6.180D 05	1136.26	1.004D 09	2600.00	2.041D 08	3702.69	9.235D 07	4217.72	1.067D 08												
911.76	6.160D 05	1161.33	9.762D 08	2600.00	2.041D 08	3703.85	9.217D 07	4297.27	9.927D 07												
913.07	1.502D 06	1175.00	9.444D 08	2677.27	1.911D 08	3705.25	9.196D 07	4340.46	4.659D 07												
915.54	2.176D 06	1181.83	9.227D 08	2837.09	1.669D 08	3707.91	9.216D 07	4422.28	9.169D 07												
918.03	2.066D 06	1194.99	7.940D 08	3017.20	1.442D 08	3710.56	8.973D 07	4586.15	8.171D 07												
919.35	1.886D 06	1208.45	2.077D 08	3121.75	1.330D 08	3711.97	8.924D 07	4762.63	7.199D 07												
919.63	1.860D 06	1215.67	1.238D 07	3121.76	1.330D 08	3713.69	8.981D 07	4861.32	3.497D 07												
920.16	1.846D 06	1216.42	1.255D 07	3169.76	1.283D 08	3716.95	9.091D 07	4892.89	6.384D 07												
920.69	1.643D 06	1217.83	2.274D 07	3264.93	1.196D 08	3720.21	8.685D 07	4953.86	6.317D 07												
920.96	1.800D 06	1219.25	4.423D 07	3365.99	1.110D 08	3721.94	8.537D 07	5016.38	6.077D 07												
921.34	1.688D 06	1220.00	6.373D 07	3421.87	1.067D 08	3724.08	8.786D 07	5050.00	5.949D 07												
922.06	1.691D 06	1223.41	2.472D 08	3421.87	1.067D 08	3728.14	9.145D 07	5123.58	5.663D 07												
922.77	1.646D 06	1229.92	6.158D 08	3458.74	1.039D 08	3732.22	8.468D 07	5269.12	5.162D 07												
923.15	1.500D 06	1236.50	7.780D 08	3530.87	9.896D 07	3734.37	8.061D 07	5423.16	4.687D 07												
923.68	1.538D 06	1240.00	8.145D 08	3606.08	9.391D 07	3737.09	8.684D 07	5508.11	4.449D 07												
924.69	1.592D 06	1249.96	8.715D 08	3647.05	9.123D 07	3742.24	9.381D 07	5665.32	4.046D 07												
925.69	1.605D 06	1269.29	8.928D 08	3649.57	8.749D 07	3747.42	8.253D 07	5989.38	3.353D 07												
925.22	1.600D 06	1289.23	8.832D 08	3649.57	8.749D 07	3750.15	7.345D 07	6352.76	2.741D 07												
927.00	1.615D 06	1300.00	8.745D 08	3654.64	8.740D 07	3753.67	8.629D 07	6562.80	1.589D 07												
928.48	1.691D 06	1316.23	8.595D 08	3659.62	8.782D 07	3760.36	9.967D 07	6797.77	2.174D 07												
929.96	1.653D 06	1348.15	8.266D 08	3662.26	8.837D 07	3767.08	8.407D 07	7292.74	1.707D 07												
930.75	1.697D 06	1381.65	7.878D 08	3665.27	8.904D 07	3770.63	6.786D 07	7865.45	1.313D 07												
931.96	1.720D 06	1400.00	7.715D 08	3670.98	9.069D 07	3775.31	8.958D 07	8205.87	1.133D 07												
934.26	2.436D 06	1419.35	7.526D 08	3676.71	9.256D 07	3784.22	1.074D 08	8662.47	9.517D 06												
936.58	1.942D 06	1457.53	7.141D 08	3679.74	9.335D 07	3793.16	8.709D 07	8862.47	9.517D 06												
937.80	1.796D 06	1497.83	6.778D 08	3680.27	9.350D 07	3797.90	6.248D 07	10448.64	5.216D 06												
939.84	2.669D 06	1520.00	6.593D 08	3681.28	9.373D 07	3804.32	9.453D 07	12726.36	2.516D 06												
943.74	4.618D 06	1545.12	6.337D 08	3682.28	9.397D 07	3816.55	1.169D 08	14380.00	1.595D 06												
947.66	3.154D 06	1595.10	5.952D 08	3682.81	9.411D 07	3828.85	9.548D 07	15890.88	1.123D 06												
949.74	2.104D 06	1648.41	5.595D 08	3683.50	9.423D 07	3835.38	5.995D 07	19843.04	4.821D 05												
953.60	5.754D 06	1678.00	5.400D 08	3684.82	9.446D 07	3844.54	1.048D 08	26411.82	1.617D 05												
961.00	1.964D 07	1723.39	5.066D 08	3686.13	9.459D 07	3852.03	1.240D 08	32000.00	7.665D 04												
968.52	1.059D 07	1816.53	4.539D 08	3686.83	9.478D 07	3879.67	1.040D 08	34121.04	5.970D 04												
972.54	2.791D 06	1920.32	4.025D 08	3687.64	9.488D 07	3889.05	5.714D 07	39024.39	3.534D 04												
981.32	6.287D 07	1980.00	3.766D 08	3689.19	9.500D 07	3902.80	1.132D 08	45573.51	1.922D 04												
998.42	2.772D 08	1991.74	3.707D 08	3690.73	9.485D 07	3929.14	1.261D 08	50000.00	1.336D 04												
1016.12	1.219D 08	2014.39	3.619D 08	3691.55	9.489D 07	3959.84	1.123D 08	54724.75	9.352D 03												
1025.72	3.919D 06	2037.56	3.525D 08	3692.52	9.482D 07	3970.07	5.535D 07	66666.67	4.302D 03												
1037.82	2.564D 08	2050.00	3.453D 08	3694.35	9.469D 07	3992.20	1.181D 08	85275.25	1.633D 03												



$$T_{\text{eff}} = 18\,000^{\circ}\text{K}$$

TEFF = 18000.0 LOG(G) = 2.50 X = 0.01640 Y = 0.98360

I	TAU	TE	PG	PE	RHD	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.2630 04	2.8950-05	1.4470-05	5.2970-17	1.0430-01	1.5090-01	5.6720 01	1.0000 00	1.0000 00	7.9990-08
3	1.0000-07	1.2630 04	2.8400-04	1.4200-04	5.1970-16	1.0430-01	1.5090-01	5.6720 01	1.0000 00	1.0000 00	8.1520-09
5	1.0000-06	1.2630 04	2.8350-03	1.4170-03	5.1890-15	1.0420-01	1.5090-01	5.6730 01	1.0000 00	9.9960-01	8.1620-10
7	1.0000-05	1.2630 04	2.8380-02	1.4170-02	5.2030-14	1.0400-01	1.5090-01	5.6770 01	1.0000 00	9.9620-01	8.1220-11
9	1.0000-04	1.2640 04	2.8720-01	1.4110-01	5.3420-13	1.0180-01	1.5090-01	5.4470 01	1.0000 00	9.6370-01	8.2020-12
11	1.0000-03	1.2690 04	3.1330 00	1.3640 00	6.4660-12	8.8260-02	1.5340-01	4.3780 01	9.9990-01	7.5270-01	8.2090-13
13	1.3990-03	1.2720 04	4.3720 00	1.8380 00	9.2050-12	8.5890-02	1.2390-01	3.9620 01	9.9990-01	7.0680-01	6.5530-13
15	1.8680-03	1.2760 04	6.0910 00	2.4700 00	1.3110-11	8.3960-02	1.2690-01	3.3100 01	9.9990-01	6.6090-01	5.4230-13
17	2.5120-03	1.2820 04	8.4710 00	3.3140 00	1.8590-11	8.2960-02	1.4100-01	2.9680 01	9.9980-01	6.1880-01	4.7740-13
19	3.4150-03	1.2880 04	1.1720 01	4.4170 00	2.6180-11	8.2750-02	2.3260-01	2.3740 01	9.9980-01	5.7880-01	4.3090-13
21	4.6420-03	1.2970 04	1.6090 01	5.8790 01	3.6410-11	8.4310-02	1.5700-01	2.4350 01	9.9970-01	5.4720-01	4.2550-13
23	6.3100-03	1.3050 04	2.1880 01	7.7480 00	5.0050-11	8.6940-02	8.5720-02	1.1850 01	9.9970-01	5.1800-01	4.2590-13
25	8.5770-03	1.3140 04	2.9430 01	1.0120 01	6.7900-11	9.0960-02	-2.2190-01	1.3190 01	9.9960-01	4.9250-01	4.3770-13
27	1.1660-02	1.3230 04	3.9150 01	1.3090 01	9.1030-11	9.6270-02	-4.7060-01	-2.9840 01	9.9950-01	4.6920-01	4.5400-13
29	1.5850-02	1.3340 04	5.1360 01	1.6880 01	1.1950-10	1.0450-01	-3.3620-01	-2.5080 01	9.9950-01	4.5540-01	5.1700-13
31	2.1340-02	1.3420 04	6.6550 01	2.1210 01	1.5620-10	1.1170-01	-1.0490 00	-1.4970 01	9.9940-01	4.3240-01	5.1950-13
33	2.9290-02	1.3550 04	8.4910 01	2.7010 01	1.9750-10	1.2570-01	-1.1930 00	-2.1070 02	9.9930-01	4.3100-01	6.6310-13
35	3.9810-02	1.3730 04	1.0600 02	3.4490 02	2.4050-10	1.4720-01	-1.0540 00	-1.2480 02	9.9930-01	4.4800-01	1.0370-12
37	5.4120-02	1.3910 04	1.2960 02	4.3200 01	2.8710-10	1.7200-01	-1.6170 00	-7.5470 02	9.9920-01	4.6640-01	1.6070-12
39	7.3560-02	1.4130 04	1.5480 02	5.3770 01	3.3060-10	2.0570-01	-5.9600 00	-7.5660 02	9.9920-01	5.0080-01	2.9120-12
41	1.0000-01	1.4450 04	1.8070 02	6.7400 02	3.6240-10	2.5670-01	-2.4480 00	-7.8370 02	9.9920-01	5.6800-01	7.3910-12
43	1.2590-01	1.4720 04	2.0100 02	7.9220 01	3.8260-10	3.0200-01	-1.6220 00	-7.9830 02	9.9930-01	6.2710-01	1.6180-11
45	1.5850-01	1.4980 04	2.2270 02	9.1790 02	4.0370-10	3.7480-01	-2.3340 00	-6.5670 02	9.9930-01	6.8150-01	3.3960-11
47	1.9950-01	1.5280 04	2.4630 02	1.0600 02	4.2430-10	4.5260-01	2.8010 00	-8.5270 02	9.9940-01	7.3890-01	7.6580-11
49	2.5120-01	1.5720 04	2.7230 02	1.2320 02	4.3840-10	4.5260-01	2.8010 00	-8.5270 02	9.9940-01	8.1460-01	2.4530-10
51	3.1620-01	1.6110 04	3.0130 02	1.4040 02	4.6160-10	4.9310-01	2.6100 00	-8.7390 02	9.9950-01	8.6410-01	6.4450-09
53	3.9810-01	1.6490 04	3.3470 02	1.5910 02	4.9220-10	5.3380-01	3.6100 00	-7.2130 02	9.9960-01	8.9960-01	1.5540-09
55	5.8120-01	1.6580 04	3.7400 02	1.8020 02	5.3050-10	5.6830-01	6.3020 00	-4.6960 02	9.9960-01	9.2540-01	3.6310-09
57	6.3100-01	1.7280 04	4.2090 02	2.0460 02	5.7820-10	6.0090-01	4.1290 00	-3.5330 02	9.9960-01	9.4270-01	8.2580-09
59	7.9430-01	1.7730 04	4.7730 02	2.3380 02	6.3470-10	6.3320-01	2.0840 00	-2.0220 02	9.9960-01	9.5720-01	1.9710-08
61	1.0000 00	1.8220 04	5.4530 02	2.6860 02	7.0210-10	6.6670-01	-1.0900 00	-1.0720 02	9.9960-01	9.6850-01	4.7790-08
63	1.2590 00	1.8760 04	6.2740 02	3.1040 02	7.8110-10	6.9930-01	1.0760 00	-3.7640 02	9.9960-01	9.7750-01	1.2240-07
65	1.5850 00	1.9420 04	7.2680 02	3.6080 02	8.7100-10	7.2610-01	1.0750 01	-2.4330 02	9.9960-01	9.8500-01	3.6260-07
67	1.9950 00	2.0090 04	8.4880 02	4.2240 02	9.8080-10	7.5770-01	1.2980 01	-2.1900 02	9.9960-01	9.9980-01	1.0110-06
69	2.5120 00	2.0780 04	9.9750 02	4.9710 02	1.1130-09	7.9500-01	1.1920 01	-2.3350 02	9.9970-01	9.9300-01	2.6530-06
71	3.1620 00	2.1500 04	1.1780 03	5.8750 02	1.2690-09	8.3660-01	3.7620 00	-2.6990 02	9.9970-01	9.9510-01	6.7530-06
73	3.9810 00	2.2280 04	1.3960 03	6.9680 02	1.4500-09	8.7880-01	1.3730 00	-2.3190 02	9.9970-01	9.9660-01	1.7540-05
75	5.8120 00	2.3110 04	1.6600 03	8.2900 02	1.6610-09	9.2500-01	1.7250 00	-2.0030 02	9.9970-01	9.9760-01	4.4400-05
77	6.3100 00	2.3900 04	1.9770 03	9.8760 02	1.9120-09	9.8230-01	2.0920 01	-1.7520 02	9.9970-01	9.9820-01	1.0100-04
79	7.9430 00	2.4740 04	2.3530 03	1.1760 03	2.1980-09	1.0430 00	2.0230 01	-3.1400 02	9.9970-01	9.9850-01	2.2630-04
81	1.0000 01	2.5710 04	2.8030 03	1.4010 03	2.5200-09	1.0970 00	1.6810 01	-4.4910 02	9.9970-01	9.9850-01	5.4360-04
83	1.2590 01	2.6790 04	3.3470 03	1.5740 03	2.8850-09	1.1490 00	-3.9290 00	-5.1780 02	9.9970-01	9.9780-01	1.3690-03
85	1.5850 01	2.7930 04	4.0000 03	2.0020 03	3.3050-09	1.2130 00	-8.9550-01	-4.4810 02	9.9970-01	9.9600-01	3.3040-03
87	1.9950 01	2.9070 04	4.7730 03	2.3940 03	3.7820-09	1.2980 00	4.0690-01	-3.9770 02	9.9970-01	9.9200-01	7.3900-03
89	2.5120 01	3.0180 04	5.6640 03	2.8510 03	4.3070-09	1.4190 00	-1.1930 01	-2.0320 02	9.9970-01	9.8440-01	1.5010-02
91	3.1620 01	3.1460 04	6.6540 03	3.3760 03	4.8160-09	1.5870 00	-1.2070 01	-3.0890 01	9.9970-01	9.6730-01	3.2230-02
93	3.9810 01	3.2940 04	7.6750 03	3.9640 03	5.2060-09	1.8900 00	-1.0930 01	1.1830 02	9.9970-01	9.2670-01	7.2950-02
95	5.8120 01	3.4570 04	8.5860 03	4.5900 03	5.3430-09	2.4700 00	-1.1800 01	2.5770 02	9.9970-01	8.4100-01	1.5870-01
97	6.3100 01	3.6240 04	9.2350 03	5.1910 03	5.1560-09	3.4020 00	-1.0880 01	3.8750 02	9.9970-01	6.9670-01	3.0310-01
99	7.9430 01	3.7920 04	9.6940 03	5.7500 03	4.8060-09	4.5260 00	-1.0650 01	4.9250 02	9.9980-01	5.1150-01	4.8840-01

TEFF = 18000.0      LOG(G) = 2.50      X =      Y = 0.98360      F LAM      F LAM      F LAM									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.848D 05	1061.56	1.392D 09	2050.00	5.348D 08	3696.18	2.024D 08	4034.83	1.635D 08
546.43	2.369D 05	1086.41	1.372D 09	2127.72	4.978D 08	3697.15	2.022D 08	4078.38	1.579D 08
649.38	1.018D 05	1100.00	1.360D 09	2292.47	4.282D 08	3698.31	2.020D 08	4101.73	1.164D 08
800.11	3.872D 06	1112.26	1.344D 09	2484.88	3.599D 08	3700.50	2.024D 08	4141.06	1.502D 08
911.76	1.022D 07	1136.26	1.318D 09	2600.00	3.251D 08	3702.69	2.001D 08	4217.72	1.416D 08
911.76	1.017D 07	1161.53	1.294D 09	2600.00	3.251D 08	3703.85	1.997D 08	4297.27	1.333D 08
913.07	1.487D 07	1175.00	1.280D 09	2677.27	3.189D 08	3705.25	2.001D 08	4340.46	1.006D 08
915.54	1.866D 07	1181.83	1.271D 09	2837.09	2.760D 08	3707.91	2.017D 08	4422.28	1.214D 08
919.03	3.453D 07	1194.99	1.255D 09	3017.20	2.361D 08	3710.56	1.979D 08	4586.15	1.077D 08
919.35	5.498D 07	1208.45	1.234D 09	3121.75	2.178D 08	3711.97	1.968D 08	4762.63	9.509D 07
919.63	6.373D 07	1215.67	8.006D 08	3121.76	2.210D 08	3713.69	1.984D 08	4861.32	6.820D 07
920.16	6.539D 07	1216.42	8.015D 08	3169.76	2.134D 08	3716.95	2.012D 08	4892.89	8.668D 07
920.68	9.036D 07	1217.83	1.133D 09	3264.93	1.978D 08	3720.21	1.949D 08	4953.86	8.312D 07
920.96	1.074D 08	1219.25	1.198D 09	3365.99	1.824D 08	3721.94	1.913D 08	5016.38	7.973D 07
921.34	1.199D 08	1220.00	1.208D 09	3421.87	1.745D 08	3724.08	1.965D 08	5050.00	7.798D 07
922.06	1.154D 08	1223.41	1.220D 09	3421.87	2.316D 08	3728.14	2.018D 08	5123.58	7.434D 07
922.77	1.655D 08	1229.92	1.217D 09	3458.74	2.237D 08	3732.22	1.934D 08	5269.12	6.761D 07
923.15	1.837D 08	1236.50	1.210D 09	3530.87	2.102D 08	3734.37	1.854D 08	5423.16	6.124D 07
923.69	2.002D 08	1240.00	1.206D 09	3606.08	1.968D 08	3737.09	1.957D 08	5508.11	5.809D 07
924.43	3.260D 08	1249.96	1.195D 09	3647.05	1.901D 08	3742.24	2.017D 08	5665.32	5.290D 07
925.69	2.326D 08	1269.29	1.173D 09	3647.05	1.871D 08	3747.42	1.921D 08	5989.38	4.364D 07
926.22	3.155D 08	1289.23	1.151D 09	3649.67	1.866D 08	3750.15	1.753D 08	6352.76	3.554D 07
927.00	3.397D 08	1300.00	1.140D 09	3654.64	1.862D 08	3753.67	1.951D 08	6562.80	2.578D 07
928.48	6.866D 08	1316.23	1.122D 09	3659.62	1.863D 08	3760.36	2.009D 08	6797.77	2.804D 07
929.96	3.895D 08	1348.15	1.087D 09	3662.26	1.866D 08	3767.08	1.932D 08	7292.74	2.188D 07
930.75	4.050D 08	1381.65	1.051D 09	3665.27	1.872D 08	3770.63	1.658D 08	7865.45	1.674D 07
931.96	5.568D 08	1400.00	1.032D 09	3670.98	1.878D 08	3775.31	1.957D 08	8205.87	1.569D 07
934.26	1.067D 09	1419.35	1.012D 09	3676.71	1.880D 08	3784.22	1.983D 08	8205.87	1.422D 07
936.58	7.293D 08	1457.53	9.722D 08	3679.74	1.876D 08	3793.16	1.931D 08	8862.47	1.196D 07
937.80	5.835D 08	1497.93	9.331D 08	3680.27	2.081D 08	3797.90	1.531D 08	10448.64	6.491D 06
939.84	1.085D 09	1520.00	9.125D 08	3681.28	2.079D 08	3804.32	1.937D 08	12726.36	3.100D 06
943.74	1.311D 09	1545.12	8.908D 08	3682.28	2.077D 08	3816.55	1.939D 08	14380.00	1.954D 06
947.66	1.143D 09	1595.10	8.453D 08	3682.81	2.076D 08	3828.85	1.904D 08	15890.88	1.375D 06
949.74	6.051D 08	1648.41	7.986D 08	3683.50	2.075D 08	3835.38	1.449D 08	19843.04	5.839D 05
953.60	1.344D 09	1679.00	7.756D 08	3684.82	2.072D 08	3844.54	1.891D 08	26411.82	1.951D 05
961.00	1.421D 09	1723.39	7.407D 08	3686.13	2.068D 08	3862.03	1.874D 08	32000.00	9.193D 04
968.52	1.399D 09	1816.53	6.739D 08	3688.83	2.066D 08	3879.67	1.839D 08	34121.04	7.182D 04
972.54	7.993D 08	1920.32	6.077D 08	3687.64	2.062D 08	3889.05	1.348D 08	39024.59	4.242D 04
981.32	1.432D 09	1980.00	5.722D 08	3689.19	2.058D 08	3902.80	1.811D 08	45573.51	2.307D 04
998.42	1.443D 09	1991.74	5.658D 08	3690.73	2.050D 08	3929.14	1.777D 08	50000.00	1.602D 04
1016.12	1.423D 09	2014.39	5.534D 08	3691.55	2.048D 08	3955.84	1.737D 08	54724.75	1.122D 04
1025.72	6.681D 08	2037.56	5.410D 08	3692.52	2.045D 08	3970.07	1.285D 08	66666.67	5.145D 03
1037.82	1.407D 09	2050.00	5.348D 08	3694.35	2.043D 08	3992.20	1.669D 08	85275.25	1.941D 03

TEFF = 18000.0 LOG(G) = 3.00 X = 0.01640 Y = 0.98360

I	TAU	TE	PG	PE	RHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	1.2770 04	9.5830-05	4.7910-05	1.7340-16	1.0430-01	3.8090-01	1.1910 01	1.0000 00	1.0000 00	4.3380-08
3	1.0003-07	1.2770 04	9.4120-04	4.7060-04	1.7330-15	1.0430-01	3.8090-01	1.1910 01	1.0000 00	9.9990-01	4.4170-09
5	1.0003-06	1.2770 04	9.3960-03	4.5960-03	1.7010-14	1.0420-01	3.8090-01	1.1910 01	1.0000 00	9.9990-01	4.4170-10
7	1.0003-05	1.2770 04	9.4190-02	4.6880-02	1.7120-13	1.0370-01	3.8090-01	1.1900 01	1.0000 00	9.9040-01	4.3640-11
9	1.0003-04	1.2760 04	9.6580-01	4.8240-02	1.8240-12	9.8870-02	3.8090-01	1.1220 01	1.0000 00	9.1170-01	3.9200-12
11	1.0003-03	1.2780 04	1.1320 01	4.1330 00	2.5990-11	7.9680-01	4.4690-01	3.2580-01	9.9980-01	5.4660-01	2.8810-13
13	1.3593-03	1.2810 04	1.5920 01	5.4670 00	3.7690-11	7.6040-02	3.1250-01	7.1540-02	9.9970-01	4.9150-01	2.2130-13
15	1.8483-03	1.2860 04	2.2260 01	7.3060 00	5.4130-11	7.5460-02	2.8510-01	-3.6630 00	9.9970-01	4.4380-01	1.8090-13
17	2.5123-03	1.2910 04	3.0870 01	9.4520 00	7.6630-11	7.6450-02	3.7650-01	2.6530 00	9.9960-01	4.0420-01	1.5780-13
19	3.4153-03	1.2980 04	4.2250 01	1.2320 01	1.0650-10	7.9190-02	6.5570-01	7.5680 00	9.9950-01	3.7250-01	1.4690-13
21	4.6423-03	1.3060 04	5.7060 01	1.5920 01	1.4560-10	8.3460-02	5.6460-01	-9.3140 00	9.9940-01	3.4610-01	1.4200-13
23	6.3103-03	1.3130 04	7.6030 01	2.0340 01	1.9590-10	8.9000-02	1.2760-01	9.8280 00	9.9930-01	3.2310-01	1.3940-13
25	8.5773-03	1.3210 04	9.9990 01	2.5700 01	2.5990-10	9.5710-02	2.1220-01	-4.0440 00	9.9920-01	3.0240-01	1.3770-13
27	1.1663-02	1.3280 04	1.3010 02	3.2170 01	3.4080-10	1.0360-01	2.9860-01	-1.4750 01	9.9900-01	2.8370-01	1.3650-13
29	1.5850-02	1.3360 04	1.6760 02	4.0110 01	4.4100-10	1.1380-01	-1.3030 00	-4.1600 01	9.9890-01	2.6890-01	1.4070-13
31	2.1543-02	1.3470 04	2.1290 02	5.0070 01	5.5880-10	1.2820-01	5.1860-01	-2.9360 01	9.9880-01	2.6140-01	1.6070-13
33	2.9293-02	1.3600 04	2.6640 02	6.2700 01	6.9240-10	1.4850-01	6.2520-01	-9.0630 02	9.9860-01	2.6170-01	2.0600-13
35	3.9813-02	1.3760 04	3.2830 02	7.8780 01	8.3810-10	1.7680-01	-1.6510 00	-4.9300 02	9.9850-01	2.7020-01	2.9830-13
37	5.4123-02	1.3970 04	3.9560 02	9.9730 01	9.7900-10	2.1940-01	-2.2220 00	-4.0220 02	9.9850-01	2.9300-01	5.2760-13
39	7.3563-02	1.4190 04	4.6640 02	1.2490 02	1.1120-09	2.7440-01	1.2510 00	-8.5510 01	9.9840-01	3.2360-01	1.0010-12
41	1.0003-01	1.4500 04	5.4070 02	1.5910 02	1.2160-09	3.6140-01	2.2450 00	-3.3160 02	9.9840-01	3.7820-01	2.5050-12
43	1.2593-01	1.4740 04	5.9800 02	1.8820 02	1.2850-09	4.3880-01	2.5390 00	-2.3680 02	9.9850-01	4.2340-01	4.9650-12
45	1.5853-01	1.4980 04	6.5780 02	2.2020 02	1.3500-09	5.2610-01	2.1190 00	-1.4910 02	9.9850-01	4.7010-01	9.6610-12
47	1.9953-01	1.5230 04	7.2010 02	2.5580 02	1.4090-09	6.2550-01	3.7210 00	-8.2610 02	9.9860-01	5.2110-01	1.9180-11
49	2.5123-01	1.5560 04	7.8440 02	3.0010 02	1.4380-09	7.5870-01	2.9440 00	-8.4420 02	9.9870-01	5.9430-01	4.8020-10
51	3.1623-01	1.6000 04	8.4960 02	3.5220 02	1.4370-09	9.1860-01	2.1670 00	-6.8890 02	9.9890-01	6.8870-01	1.5460-10
53	3.9813-01	1.6430 04	9.1760 02	4.0260 02	1.4480-09	1.0540 00	2.8950 00	-5.8550 02	9.9910-01	7.6740-01	4.5250-10
55	5.0123-01	1.6840 04	9.9280 02	4.5220 02	1.4840-09	1.1610 00	6.1550 00	-3.8120 02	9.9920-01	8.2550-01	1.1640-09
57	6.3103-01	1.7260 04	1.0800 03	5.0440 02	1.5400-09	1.2450 00	4.6310 00	-3.1580 02	9.9920-01	8.6860-01	2.9210-09
59	7.9433-01	1.7700 04	1.1820 03	5.8290 02	1.6170-09	1.3180 00	3.4310 00	-2.3340 02	9.9930-01	9.0260-01	7.2140-09
61	1.0003 00	1.8170 04	1.3060 03	6.3030 02	1.7170-09	1.3850 00	-4.0440-01	-1.5860 02	9.9930-01	9.2900-01	1.7890-08
63	1.2593 00	1.8690 04	1.4550 03	7.0960 02	1.8420-09	1.4460 00	-8.7950-01	-1.0020 02	9.9930-01	9.4940-01	4.5270-08
65	1.5853 00	1.9210 04	1.6360 03	8.0400 02	1.9990-09	1.5060 00	1.1110 00	-4.9970 01	9.9930-01	9.6430-01	1.1430-07
67	1.9953 00	1.9820 04	1.8570 03	9.1720 02	2.1910-09	1.5690 00	1.6470 01	-7.8230 01	9.9940-01	9.7490-01	2.8540-07
69	2.5123 00	2.0460 04	2.1250 04	1.0540 03	2.4200-09	1.6310 00	1.3810 01	-1.3210 02	9.9940-01	9.8270-01	7.3910-07
71	3.1623 00	2.1150 04	2.4530 03	1.2200 03	2.6930-09	1.6940 00	9.1800 00	-2.0120 02	9.9940-01	9.8820-01	1.9500-06
73	3.9813 00	2.1930 04	2.8530 04	1.4210 03	3.0170-09	1.7600 00	3.4940-01	-1.9670 02	9.9950-01	9.9200-01	5.2150-06
75	5.0123 00	2.2730 04	3.3390 03	1.6650 03	3.4030-09	1.8380 00	9.4840-01	-1.7450 02	9.9950-01	9.9450-01	1.3390-05
77	6.3103 00	2.3500 04	3.9250 03	1.9590 03	3.8660-09	1.9380 00	7.4760 00	-1.4100 02	9.9950-01	9.9600-01	3.0990-05
79	7.9433 00	2.4310 04	4.6250 03	2.3090 03	4.4010-09	2.0470 00	2.6530 01	-2.7510 02	9.9950-01	9.9710-01	7.0280-05
81	1.0003 01	2.5250 04	5.4640 03	2.7300 03	5.0020-09	2.1410 00	2.3870 01	-4.5170 02	9.9960-01	9.9780-01	1.7310-04
83	1.2593 01	2.6280 04	6.4780 03	3.2370 03	5.7090-09	2.2400 00	1.3450 00	-5.8460 02	9.9960-01	9.9780-01	4.2380-04
85	1.5853 01	2.7320 04	7.6970 03	3.8480 03	6.5130-09	2.3610 00	-1.9190 00	-5.0370 02	9.9960-01	9.9750-01	9.7800-04
87	1.9953 01	2.8370 04	9.1520 03	4.5780 03	7.4500-09	2.5020 00	2.4480 00	-4.4840 02	9.9960-01	9.9660-01	2.1390-03
89	2.5123 01	2.9490 04	1.0880 04	5.4470 03	8.5060-09	2.6670 00	-1.8850 01	-2.9550 02	9.9960-01	9.9430-01	4.6050-03
91	3.1623 01	3.0720 04	1.2900 04	6.4750 03	9.6570-09	2.8650 00	-1.5090 01	-8.3040 01	9.9960-01	9.8910-01	1.0050-02
93	3.9813 01	3.2110 04	1.5220 04	7.6860 03	1.0840-08	3.1430 00	-1.3740 01	-9.8720 01	9.9960-01	9.7660-01	2.2690-02
95	5.0123 01	3.3560 04	1.7770 04	9.0820 03	1.1970-08	3.6230 00	-1.2120 01	2.3610 02	9.9960-01	9.5090-01	4.8600-02
97	6.3103 01	3.5110 04	2.0380 04	1.0650 04	1.2810-08	4.4840 00	-1.1770 01	3.8030 02	9.9960-01	8.9850-01	1.0100-01
99	7.9433 01	3.6820 04	2.2740 04	1.2350 04	1.3040-08	6.0300 00	-1.1460 01	5.0750 02	9.9960-01	7.9860-01	2.0090-01



TEFF = 18000.0				LOG(G) = 3.00		X = 0.01640		Y = 0.98360			
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	2.489D 05	1061.56	1.535D 09	2050.00	5.234D 08	3696.18	2.032D 08	4034.83	1.667D 08		
546.43	1.765D 05	1086.41	1.496D 09	2127.72	4.860D 08	3697.15	2.030D 08	4078.38	1.607D 08		
649.38	4.066D 05	1100.00	1.476D 09	2292.47	4.164D 08	3698.31	2.027D 08	4101.73	9.782D 07		
800.11	3.006D 06	1112.26	1.459D 09	2484.88	3.503D 08	3700.50	2.025D 08	4141.06	1.531D 08		
911.76	9.719D 06	1136.26	1.420D 09	2600.00	3.171D 08	3702.69	2.008D 08	4217.72	1.440D 08		
911.76	9.046D 06	1161.33	1.380D 09	2600.00	3.171D 08	3703.85	2.005D 08	4297.27	1.353D 08		
913.07	1.245D 07	1175.00	1.361D 09	2677.27	3.105D 08	3705.25	2.004D 08	4340.46	8.561D 07		
915.54	1.400D 07	1181.83	1.349D 09	2837.09	2.691D 08	3707.91	2.008D 08	4422.28	1.231D 08		
918.03	1.765D 07	1194.99	1.328D 09	3017.20	2.310D 08	3710.56	1.981D 08	4586.15	1.090D 08		
919.35	2.066D 07	1208.45	1.286D 09	3121.75	2.120D 08	3711.97	1.972D 08	4762.63	9.580D 07		
919.63	2.155D 07	1215.67	4.020D 08	3121.76	2.163D 08	3713.69	1.979D 08	4861.32	6.043D 07		
920.16	2.185D 07	1216.42	4.027D 08	3169.76	2.082D 08	3716.95	1.994D 08	4892.89	8.721D 07		
920.68	2.528D 07	1217.83	1.007D 09	3284.93	1.926D 08	3720.21	1.940D 08	4953.86	8.381D 07		
920.96	2.739D 07	1219.25	1.188D 09	3365.99	1.775D 08	3721.94	1.917D 08	5016.38	8.036D 07		
921.34	2.906D 07	1220.00	1.223D 09	3421.87	1.697D 08	3724.08	1.952D 08	5050.00	7.858D 07		
922.06	2.873D 07	1223.41	1.270D 09	3421.87	2.290D 08	3728.14	1.930D 08	5123.58	7.477D 07		
922.77	3.512D 07	1229.92	1.272D 09	3458.74	2.211D 08	3732.22	1.907D 08	5269.12	6.789D 07		
923.15	3.848D 07	1236.50	1.266D 09	3530.87	2.067D 08	3734.37	1.851D 08	5423.16	6.142D 07		
923.68	4.177D 07	1240.00	1.261D 09	3606.08	1.936D 08	3737.09	1.932D 08	5508.11	5.826D 07		
924.96	7.253D 07	1249.96	1.248D 09	3647.05	1.868D 08	3742.24	1.999D 08	5665.32	5.290D 07		
925.69	6.215D 07	1269.29	1.220D 09	3647.05	1.834D 08	3747.42	1.875D 08	5989.38	4.357D 07		
926.22	6.919D 07	1289.23	1.192D 09	3649.67	1.830D 08	3750.15	1.726D 08	6352.76	3.547D 07		
927.00	7.544D 07	1300.00	1.178D 09	3654.64	1.825D 08	3753.67	1.911D 08	6562.80	2.433D 07		
928.48	2.733D 08	1316.23	1.155D 09	3659.62	1.824D 08	3760.36	2.009D 08	6797.77	2.794D 07		
929.96	8.985D 07	1348.15	1.113D 09	3662.26	1.825D 08	3767.08	1.878D 08	7292.74	2.177D 07		
930.75	9.543D 07	1381.65	1.073D 09	3665.27	1.828D 08	3770.63	1.603D 08	7865.45	1.660D 07		
931.96	1.684D 08	1400.00	1.050D 09	3670.98	1.836D 08	3775.31	1.923D 08	8205.87	1.562D 07		
934.26	7.461D 08	1419.35	1.024D 09	3676.71	1.842D 08	3784.22	2.008D 08	8205.87	1.423D 07		
936.58	2.923D 08	1457.53	9.810D 08	3679.74	1.843D 08	3793.16	1.834D 08	8862.47	1.196D 07		
937.80	1.799D 08	1497.83	9.375D 08	3680.27	2.057D 08	3797.90	1.419D 08	10448.64	6.475D 06		
939.84	7.361D 08	1520.00	9.152D 08	3681.28	2.060D 08	3804.32	1.928D 08	12726.36	3.085D 06		
943.74	1.258D 09	1545.12	8.881D 08	3682.28	2.060D 08	3816.55	1.977D 08	14380.00	1.941D 06		
947.66	8.252D 08	1595.10	8.411D 08	3682.81	2.060D 08	3828.85	1.902D 08	15890.88	1.368D 06		
949.74	1.913D 08	1648.41	7.915D 08	3683.50	2.059D 08	3835.38	1.298D 08	19843.04	5.813D 05		
953.60	1.311D 09	1678.00	7.666D 08	3684.82	2.059D 08	3844.54	1.916D 08	26411.82	1.939D 05		
961.00	1.543D 09	1723.39	7.308D 08	3686.13	2.058D 08	3862.03	1.915D 08	32000.00	9.160D 04		
968.52	1.450D 09	1816.53	6.607D 08	3686.83	2.058D 08	3879.67	1.864D 08	34121.04	7.150D 04		
972.54	3.391D 08	1920.32	5.968D 08	3687.64	2.056D 08	3889.05	1.159D 08	39024.39	4.222D 04		
981.32	1.587D 09	1980.00	5.614D 08	3689.19	2.052D 08	3902.80	1.845D 08	45573.51	2.300D 04		
998.42	1.611D 09	1991.74	5.547D 08	3690.73	2.047D 08	3929.14	1.817D 08	50000.00	1.595D 04		
1016.12	1.564D 09	2014.39	5.415D 08	3691.55	2.046D 08	3955.84	1.771D 08	54724.75	1.117D 04		
1025.72	2.346D 08	2037.56	5.297D 08	3692.52	2.044D 08	3970.07	1.039D 08	66666.67	5.127D 03		
1037.82	1.551D 09	2050.00	5.234D 08	3694.35	2.042D 08	3992.20	1.725D 08	85275.25	1.935D 03		

TEFF = 18000.0 LOG(G) = 3.50 X = 0.01640 Y = 0.98360										
I	TAU	TE	PG	PE	PHO	KAPZ	D=(%)	D TE	XH2	XH2
1	1.0000-08	1.2360 04	3.0730-04	1.5370-04	5.7470-16	1.0430-01	-1.9000-02	7.6240 01	1.0000 00	1.0000 00
3	1.0000-07	1.2360 04	3.0200-03	1.5090-03	5.6480-15	1.0420-01	-1.9000-02	7.6220 01	1.0000 00	1.0000 00
5	1.0000-06	1.2330 04	3.0220-02	1.5060-02	5.6830-14	1.0370-01	-1.9000-02	8.1810 01	1.0000 00	1.0000 00
7	1.0000-05	1.2350 04	3.0960-01	1.4980-01	5.9800-13	9.8940-02	-1.9000-02	7.5770 01	1.0000 00	1.0000 00
9	1.0000-04	1.2330 04	3.7600 00	1.4280 00	8.7380-12	7.1430-02	-1.8830-02	6.0110 01	9.9990-01	9.9990-01
11	1.0000-03	1.2500 04	5.9430 01	1.1740 01	1.7630-10	4.9350-02	-1.5400-02	1.2810 01	9.9930-01	9.9930-01
13	1.3590-03	1.2500 04	8.1710 01	1.5300 01	2.4400-10	5.2240-02	-1.4690-02	1.2180 01	9.9920-01	9.9920-01
15	1.4880-03	1.2650 04	1.1010 02	1.9610 01	3.3050-10	5.5900-02	-1.2510-02	1.2450 01	9.9900-01	9.9900-01
17	2.5120-03	1.2710 04	1.4620 02	2.4710 01	4.4160-10	5.9830-02	-7.2150-03	1.4940 01	9.9880-01	9.9880-01
19	3.4150-03	1.2770 04	1.9190 02	3.0700 01	5.8350-10	6.4100-02	6.2230-03	1.4470 01	9.9860-01	9.9860-01
21	4.6420-03	1.2820 04	2.5010 02	3.7810 01	7.6540-10	6.8830-02	3.0430-02	1.2710 01	9.9840-01	9.9840-01
23	6.3100-03	1.2860 04	3.2330 02	4.6330 01	9.9490-10	7.4480-02	4.8480-02	1.1970 01	9.9820-01	9.9820-01
25	8.5770-03	1.2930 04	4.1410 02	5.6970 01	1.2770-09	8.2320-02	9.2000-02	1.1030 01	9.9790-01	9.9790-01
27	1.1660-02	1.3020 04	5.2400 02	7.0690 01	1.6090-09	9.3900-02	1.4390-01	1.0640 01	9.9760-01	9.9760-01
29	1.5850-02	1.3150 04	6.5240 02	8.8820 01	1.9800-09	1.1150-01	1.2490-01	8.7010 00	9.9740-01	9.9740-01
31	2.1540-02	1.3310 04	7.9700 02	1.1160 02	2.3800-09	1.3520-01	8.7230-02	7.5950 00	9.9720-01	9.9720-01
33	2.9290-02	1.3490 04	9.5720 02	1.4000 02	2.7990-09	1.6680-01	8.9140-02	8.9080 00	9.9700-01	9.9700-01
35	3.9810-02	1.3680 04	1.1340 03	1.7480 02	3.2390-09	2.0720-01	1.0720-01	8.7160 00	9.9680-01	9.9680-01
37	5.4120-02	1.3910 04	1.3220 03	2.2030 02	3.6600-09	2.6560-01	1.4510-01	7.0190 00	9.9680-01	9.9680-01
39	7.3560-02	1.4170 04	1.5200 03	2.7690 02	4.0560-09	3.4480-01	1.9190-01	6.8050 00	9.9670-01	9.9670-01
41	1.0000-01	1.4450 04	1.7270 03	3.4800 02	4.4110-09	4.5380-01	2.5960-01	5.4110 00	9.9680-01	9.9680-01
43	1.2590-01	1.4680 04	1.8830 03	4.1460 02	4.6200-09	5.6710-01	3.2590-01	5.7600 00	9.9690-01	9.9690-01
45	1.5950-01	1.4940 04	2.0380 03	4.9320 02	4.7780-09	7.1320-01	3.8920-01	4.5960 00	9.9700-01	9.9700-01
47	1.9950-01	1.5240 04	2.1920 03	5.8770 02	4.8650-09	9.0580-01	4.0060-01	4.6900 00	9.9720-01	9.9720-01
49	2.5120-01	1.5550 04	2.3430 03	6.9510 02	4.8960-09	1.1450 00	3.5330-01	5.3060 00	9.9750-01	9.9750-01
51	3.1620-01	1.5890 04	2.4870 03	8.1450 02	4.8660-09	1.4300 00	2.4290-01	4.0470 00	9.9770-01	9.9770-01
53	3.9810-01	1.6260 04	2.6410 03	9.4900 02	4.8090-09	1.7670 00	1.3510-01	2.0790 00	9.9800-01	9.9800-01
55	5.0120-01	1.6660 04	2.7930 03	1.0890 03	4.7280-09	2.1200 00	1.2140-01	8.0130-01	9.9830-01	9.9830-01
57	6.3100-01	1.7090 04	2.9840 03	1.2320 03	4.6560-09	2.4530 00	5.7540-02	-4.7110-01	9.9840-01	9.9840-01
59	7.9430-01	1.7560 04	3.1300 03	1.3760 03	4.6190-09	2.7380 00	5.1300-02	-1.3350 00	9.9850-01	9.9850-01
61	1.0000 00	1.8050 04	3.3320 03	1.5240 03	4.6270-09	2.9640 00	-1.5430-01	-2.0280 00	9.9850-01	9.9850-01
63	1.2590 00	1.8600 04	3.5690 03	1.6820 03	4.6900-09	3.1260 00	-3.9130-01	-2.3810 00	9.9860-01	9.9860-01
65	1.5850 00	1.9180 04	3.8570 03	1.8540 03	5.0490-09	3.3100 00	-1.6940-01	-6.2570-01	9.9880-01	9.9880-01
67	1.9950 00	2.0410 04	4.2120 03	2.0510 03	5.3570-09	3.3780 00	-7.7430-02	3.5890-01	9.9890-01	9.9890-01
69	2.5120 00	2.0410 04	4.6500 03	2.2840 03	5.7590-09	3.4490 00	1.2850-01	2.4430-01	9.9900-01	9.9900-01
71	3.1620 00	2.1090 04	5.1940 03	2.5660 03	6.2610-09	3.5220 00	-2.6240-01	-1.7400 00	9.9910-01	9.9910-01
73	3.9810 00	2.1830 04	5.8690 03	2.9110 03	6.8780-09	3.6040 00	-2.7460-01	-3.5620 00	9.9920-01	9.9920-01
75	5.0120 00	2.2630 04	6.7030 03	3.3340 03	7.6540-09	3.7410 00	-1.6430-03	-1.4260 00	9.9920-01	9.9920-01
77	6.3100 00	2.3410 04	7.7270 03	3.8490 03	8.5820-09	3.9120 00	-4.4670-01	3.5810 00	9.9930-01	9.9930-01
79	7.9430 00	2.4200 04	8.9650 03	4.4710 03	9.6450-09	4.0690 00	-3.9070-01	5.7240 00	9.9930-01	9.9930-01
81	1.0000 01	2.5110 04	1.0460 04	5.2210 03	1.0880-08	4.2220 00	4.6420-01	3.2880-01	9.9940-01	9.9940-01
83	1.2590 01	2.6110 04	1.2280 04	6.1300 03	1.2340-08	4.4200 00	1.2570-01	-5.3590 00	9.9940-01	9.9940-01
85	1.5850 01	2.7130 04	1.4480 04	7.2310 03	1.4050-08	4.6640 00	-2.8110-01	-3.4770 00	9.9940-01	9.9940-01
87	1.9950 01	2.8160 04	1.7120 04	8.5530 03	1.6020-08	4.9510 00	-7.8990-01	5.1540 00	9.9940-01	9.9940-01
89	2.5120 01	2.9210 04	2.0260 04	1.0130 04	1.8220-08	5.2550 00	2.4090-01	4.9490 00	9.9940-01	9.9940-01
91	3.1620 01	3.0370 04	2.3980 04	1.2000 04	1.8220-08	5.2550 00	2.4090-01	4.9490 00	9.9940-01	9.9940-01
93	3.9810 01	3.1640 04	2.8370 04	1.4240 04	2.0640-08	5.6250 00	3.0860-01	7.2750-01	9.9940-01	9.9940-01
95	5.0120 01	3.2990 04	3.3470 04	1.6870 04	2.3250-08	6.1450 00	-2.4640-01	-1.2490-01	9.9940-01	9.9940-01
97	6.3100 01	3.4630 04	3.9200 04	1.9940 04	2.5850-08	6.9620 00	-7.6710-02	1.4830 00	9.9940-01	9.9940-01
99	7.9430 01	3.6650 04	4.5270 04	2.3450 04	2.7980-08	8.3950 00	-4.9530-02	5.4260-01	9.9940-01	9.9940-01

TEFF = 18000.0 LOG(G) = 3.50 X = 0.01640 Y = 0.98360

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.573D 04	1061.56	1.661D 09	2050.00	5.132D 08	3696.18	1.932D 08	4034.83	1.671D 08
546.43	2.435D 04	1086.41	1.618D 09	2127.72	4.751D 08	3697.15	1.932D 08	4078.38	1.603D 08
649.38	2.486D 05	1100.00	1.592D 09	2292.47	4.060D 08	3698.31	1.930D 08	4101.73	8.352D 07
800.11	2.188D 06	1112.26	1.566D 09	2484.88	3.407D 08	3700.50	1.929D 08	4141.06	1.531D 08
911.76	6.291D 06	1136.26	1.519D 09	2600.00	3.079D 08	3702.69	1.916D 08	4217.72	1.442D 08
913.07	7.764D 06	1161.33	1.471D 09	2600.00	3.079D 08	3703.85	1.914D 08	4297.27	1.352D 08
915.04	8.520D 06	1175.00	1.444D 09	2677.27	3.016D 08	3705.25	1.914D 08	4340.46	7.349D 07
918.03	9.902D 06	1181.83	1.427D 09	2837.09	2.612D 08	3707.91	1.917D 08	4422.28	1.228D 08
919.35	1.088D 07	1194.99	1.398D 09	3017.20	2.239D 08	3710.56	1.894D 08	4586.15	1.085D 08
919.63	1.110D 07	1208.45	1.302D 09	3121.75	2.054D 08	3711.97	1.889D 08	4762.63	9.531D 07
920.16	1.120D 07	1215.67	1.150D 08	3121.76	2.094D 08	3713.69	1.894D 08	4861.32	5.347D 07
920.63	1.196D 07	1216.42	1.151D 08	3169.76	2.012D 08	3716.95	1.902D 08	4892.89	8.657D 07
920.96	1.235D 07	1217.83	6.143D 08	3264.93	1.863D 08	3720.21	1.857D 08	4953.86	8.324D 07
921.34	1.267D 07	1219.25	1.035D 09	3365.99	1.719D 08	3721.94	1.838D 08	5016.38	7.974D 07
922.06	1.267D 07	1220.00	1.134D 09	3421.87	1.646D 08	3724.08	1.862D 08	5050.00	7.793D 07
922.77	1.375D 07	1223.41	1.287D 09	3421.87	2.175D 08	3728.14	1.890D 08	5123.58	7.413D 07
923.15	1.418D 07	1229.92	1.324D 09	3458.74	2.100D 08	3732.22	1.814D 08	5269.12	6.729D 07
923.68	1.457D 07	1236.50	1.323D 09	3530.87	1.965D 08	3734.37	1.764D 08	5423.16	6.088D 07
924.69	1.739D 07	1240.00	1.319D 09	3606.08	1.835D 08	3737.09	1.831D 08	5508.11	5.768D 07
925.69	1.679D 07	1249.96	1.304D 09	3647.05	1.769D 08	3742.24	1.888D 08	5665.32	5.230D 07
926.22	1.739D 07	1269.29	1.273D 09	3647.05	1.721D 08	3747.42	1.758D 08	5989.38	4.306D 07
927.00	1.798D 07	1289.23	1.241D 09	3649.57	1.716D 08	3750.15	1.632D 08	6352.76	3.500D 07
928.48	4.105D 07	1300.00	1.224D 09	3654.64	1.711D 08	3753.67	1.799D 08	6562.80	2.234D 07
929.96	1.970D 07	1316.23	1.197D 09	3659.62	1.712D 08	3760.36	1.909D 08	6797.77	2.755D 07
930.75	2.023D 07	1348.15	1.149D 09	3662.26	1.714D 08	3767.08	1.742D 08	7292.74	2.147D 07
931.96	2.706D 07	1381.65	1.100D 09	3665.27	1.717D 08	3770.63	1.488D 08	7865.45	1.638D 07
934.26	2.463D 08	1400.00	1.075D 09	3670.98	1.728D 08	3775.31	1.804D 08	8205.87	1.528D 07
936.58	4.392D 07	1419.35	1.047D 09	3676.71	1.738D 08	3784.22	1.938D 08	8205.87	1.408D 07
937.80	2.895D 07	1457.53	9.979D 08	3679.74	1.743D 08	3793.16	1.733D 08	8862.47	1.183D 07
939.84	2.279D 08	1497.83	9.492D 08	3680.27	1.929D 08	3797.90	1.273D 08	10448.64	6.396D 06
943.74	8.656D 08	1520.00	9.252D 08	3681.28	1.931D 08	3804.32	1.814D 08	12726.36	3.041D 06
947.66	2.431D 08	1545.12	8.959D 08	3682.28	1.933D 08	3816.55	1.947D 08	14380.00	1.913D 06
949.74	3.152D 07	1595.10	8.439D 08	3682.81	1.934D 08	3828.85	1.786D 08	15890.88	1.348D 06
953.60	9.270D 08	1648.41	7.924D 08	3683.50	1.935D 08	3835.38	1.124D 08	18443.04	5.716D 05
961.00	1.503D 09	1678.00	7.657D 08	3684.82	1.937D 08	3844.54	1.849D 08	26411.82	1.902D 05
968.52	1.241D 09	1723.39	7.265D 08	3686.13	1.938D 08	3852.03	1.908D 08	32000.00	8.970D 04
972.54	5.662D 07	1816.53	6.554D 08	3686.83	1.939D 08	3879.67	1.801D 08	34121.04	6.996D 04
981.32	1.638D 09	1920.32	5.864D 08	3687.64	1.939D 08	3899.05	9.863D 07	39024.39	4.126D 04
998.42	1.732D 09	1980.00	5.510D 08	3689.19	1.940D 08	3902.80	1.822D 08	45573.51	2.243D 04
1016.12	1.638D 09	1991.74	5.446D 08	3690.73	1.939D 08	3929.14	1.819D 08	50000.00	1.555D 04
1025.72	4.785D 07	2014.39	5.321D 08	3691.55	1.938D 08	3955.84	1.752D 08	54724.75	1.089D 04
1037.82	1.647D 09	2037.56	5.197D 08	3692.52	1.938D 08	3970.07	9.206D 07	66666.67	4.991D 03
		2050.00	5.132D 08	3694.35	1.938D 08	3992.20	1.720D 08	85275.25	1.882D 03

TEFF = 18000.0 LOG(G) = 4.00 X = 0.01640 Y = 0.98360											
I	TAU	TE	PG	PE	RHO	KAPZ	QF (%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	1.276D 04	9.762D-04	4.881D-04	1.768D-15	1.043D-01	4.357D-02	2.527D 00	1.000D 00	9.999D-01	4.067D-09
3	1.0003-07	1.276D 04	9.593D-03	4.794D-03	1.738D-14	1.042D-01	4.357D-02	2.508D 00	1.000D 00	9.990D-01	4.132D-10
5	1.0003-06	1.276D 04	9.601D-02	4.778D-02	1.747D-13	1.037D-01	4.557D-02	2.326D 00	1.000D 00	9.900D-01	4.082D-11
7	1.0003-05	1.274D 04	9.855D-01	4.703D-01	1.868D-12	9.850D-02	4.560D-02	4.957D-01	1.000D 00	9.072D-01	3.555D-12
9	1.0003-04	1.260D 04	1.228D 01	4.670D 00	3.010D-11	5.782D-02	3.426D-02	-1.713D 01	9.998D-01	4.623D-01	1.181D-13
11	1.0003-03	1.256D 04	1.909D 02	2.670D 01	6.043D-10	5.183D-02	1.276D-01	-1.368D 01	9.986D-01	1.068D-01	3.435D-15
13	1.3593-03	1.261D 04	2.569D 02	3.393D 01	8.170D-10	5.661D-02	-1.565D 00	1.113D 01	9.983D-01	9.571D-02	3.094D-15
15	1.8483-03	1.267D 04	3.391D 02	4.235D 01	1.083D-09	6.187D-02	-9.256D-01	2.842D 00	9.980D-01	8.566D-02	2.733D-15
17	2.5123-03	1.271D 04	4.414D 02	5.216D 01	1.416D-09	6.762D-02	-1.733D-01	-2.383D 00	9.977D-01	7.638D-02	2.357D-15
19	3.4153-03	1.275D 04	5.684D 02	6.369D 01	1.330D-09	7.417D-02	-7.192D-01	-3.956D 01	9.973D-01	6.810D-02	2.018D-15
21	4.6423-03	1.279D 04	7.248D 02	7.770D 01	2.338D-09	8.237D-02	1.099D 01	-2.421D 01	9.969D-01	6.158D-02	1.810D-15
23	6.3103-03	1.286D 04	9.142D 02	9.532D 01	2.942D-09	9.358D-02	1.079D 01	-1.342D 01	9.964D-01	5.771D-02	1.834D-15
25	8.577D-03	1.296D 04	1.138D 03	1.174D 02	3.039D-09	1.085D-01	2.923D 00	-2.467D 01	9.960D-01	5.625D-02	2.120D-15
27	1.1663-02	1.308D 04	1.397D 03	1.450D 02	4.425D-09	1.283D-01	4.533D 00	6.579D 00	9.956D-01	5.713D-02	2.806D-15
29	1.5853-02	1.322D 04	1.694D 03	1.790D 02	5.297D-09	1.533D-01	-1.315D-01	5.112D-01	9.952D-01	5.965D-02	4.055D-15
31	2.1543-02	1.337D 04	2.030D 03	2.202D 02	6.254D-09	1.843D-01	-9.083D-02	1.183D 01	9.949D-01	6.347D-02	6.203D-15
33	2.9293-02	1.354D 04	2.408D 03	2.708D 02	7.295D-09	2.236D-01	-1.108D-01	4.683D 00	9.947D-01	6.884D-02	1.009D-14
35	3.9813-02	1.372D 04	2.831D 03	3.336D 02	8.410D-09	2.745D-01	-1.866D-02	1.373D 01	9.945D-01	7.618D-02	1.758D-14
37	5.4123-02	1.393D 04	3.293D 03	4.114D 02	9.561D-09	3.410D-01	-5.359D-03	1.073D 00	9.944D-01	8.599D-02	3.276D-14
39	7.3563-02	1.416D 04	3.795D 03	5.099D 02	1.072D-08	4.310D-01	-1.098D-02	-1.135D 01	9.944D-01	9.925D-02	6.621D-14
41	1.0003-01	1.444D 04	4.320D 03	6.437D 02	1.176D-08	5.691D-01	3.795D-01	-1.437D 01	9.945D-01	1.204D-01	1.624D-13
43	1.2593-01	1.467D 04	4.722D 03	7.661D 02	1.246D-08	7.061D-01	1.086D 00	-2.828D 00	9.947D-01	1.402D-01	3.279D-13
45	1.5853-01	1.491D 04	5.129D 03	9.092D 02	1.308D-08	8.779D-01	1.544D 00	-4.289D 01	9.949D-01	1.635D-01	6.683D-13
47	1.9953-01	1.517D 04	5.538D 03	1.082D 03	1.357D-08	1.104D 00	1.047D 00	-4.499D 01	9.952D-01	1.926D-01	1.434D-12
49	2.512D-01	1.549D 04	5.938D 03	1.307D 03	1.381D-08	1.437D 00	8.136D-01	-4.768D 01	9.955D-01	2.347D-01	3.598D-12
51	3.1623-01	1.589D 04	6.317D 03	1.602D 03	1.371D-08	1.937D 00	1.275D-01	-4.667D 01	9.959D-01	2.960D-01	1.082D-11
53	3.9813-01	1.629D 04	6.672D 03	1.927D 03	1.346D-08	2.548D 00	5.467D-01	-2.561D 01	9.964D-01	3.668D-01	3.163D-11
55	5.0123-01	1.669D 04	7.016D 03	2.266D 03	1.316D-08	3.230D 00	2.432D 00	-5.105D 00	9.968D-01	4.424D-01	8.652D-11
57	6.3103-01	1.711D 04	7.359D 03	2.621D 03	1.280D-08	3.973D 00	4.882D 00	-9.795D 00	9.969D-01	5.237D-01	2.394D-10
59	7.9433-01	1.756D 04	7.714D 03	2.989D 03	1.244D-08	4.735D 00	3.623D 00	-1.829D 01	9.970D-01	6.084D-01	6.689D-10
61	1.0003-00	1.804D 04	8.093D 03	3.366D 03	1.211D-08	5.464D 00	3.240D-02	-2.150D 01	9.972D-01	6.930D-01	1.907D-09
63	1.2593-00	1.857D 04	8.512D 03	3.746D 03	1.186D-08	6.083D 00	1.164D 00	-1.304D 01	9.974D-01	7.720D-01	5.582D-09
65	1.5853-00	1.914D 04	8.995D 03	4.126D 03	1.176D-08	6.532D 00	4.506D 00	-6.343D 00	9.976D-01	8.372D-01	1.608D-08
67	1.9953-00	1.972D 04	9.560D 03	4.512D 03	1.183D-08	6.814D 00	1.785D 01	-3.810D 01	9.979D-01	8.868D-01	4.499D-08
69	2.5123-00	2.036D 04	1.026D 04	4.939D 03	1.207D-08	6.971D 00	1.662D 01	-1.126D 02	9.981D-01	9.236D-01	1.265D-07
71	3.1623-00	2.105D 04	1.113D 04	5.429D 03	1.251D-08	7.051D 00	1.298D 01	-1.953D 02	9.983D-01	9.494D-01	3.535D-07
73	3.9813-00	2.179D 04	1.222D 04	6.013D 03	1.317D-08	7.697D 00	7.767D-01	-2.131D 02	9.985D-01	9.667D-01	9.785D-07
75	5.0123-00	2.256D 04	1.359D 04	6.722D 03	1.406D-08	7.165D 00	4.935D 00	-1.972D 02	9.987D-01	9.779D-01	2.606D-06
77	6.3103-00	2.332D 04	1.529D 04	7.589D 03	1.526D-08	7.321D 00	4.699D 00	-1.671D 02	9.988D-01	9.846D-01	6.250D-06
79	7.9433-00	2.411D 04	1.738D 04	8.646D 03	1.674D-08	7.525D 00	2.761D 01	-2.820D 02	9.989D-01	9.892D-01	1.461D-05
81	1.0003-01	2.502D 04	1.995D 04	9.940D 03	1.849D-08	7.712D 00	2.574D 01	-4.609D 02	9.990D-01	9.926D-01	3.634D-05
83	1.2593-01	2.599D 04	2.311D 04	1.152D 04	2.060D-08	7.937D 00	1.748D 01	-6.237D 02	9.991D-01	9.942D-01	8.870D-05
85	1.5853-01	2.699D 04	2.695D 04	1.345D 04	2.313D-08	8.246D 00	-1.718D 00	-5.814D 02	9.991D-01	9.957D-01	4.456D-04
87	1.9953-01	2.800D 04	3.161D 04	1.578D 04	2.612D-08	8.635D 00	4.492D-01	-4.973D 02	9.991D-01	9.957D-01	4.456D-04
89	2.5123-01	2.905D 04	3.719D 04	1.857D 04	2.961D-08	9.092D 00	-2.039D 01	-3.320D 02	9.991D-01	9.959D-01	9.379D-04
91	3.1623-01	3.019D 04	4.385D 04	2.192D 04	3.357D-08	9.584D 00	-1.370D 01	-8.479D 01	9.991D-01	9.954D-01	4.274D-03
93	3.9813-01	3.144D 04	5.181D 04	2.593D 04	3.803D-08	1.012D 01	-1.378D 01	1.048D 02	9.991D-01	9.937D-01	4.274D-03
95	5.0123-01	3.275D 04	6.122D 04	3.072D 04	4.305D-08	1.084D 01	-1.213D 01	2.480D 02	9.992D-01	9.895D-01	8.871D-03
97	6.3103-01	3.413D 04	7.218D 04	3.637D 04	4.849D-08	1.183D 01	-1.139D 01	3.716D 02	9.992D-01	9.807D-01	1.791D-02
99	7.9433-01	3.562D 04	8.458D 04	4.296D 04	5.399D-08	1.333D 01	-1.145D 01	4.929D 02	9.992D-01	9.628D-01	3.593D-02

TEFF = 18000.0 LOG(G) = 4.00 X = 0.01640 Y = 0.98360

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	6.057D 03	1061.56	1.722D 09	2050.00	5.202D 08	3696.18	1.826D 08	4034.83	1.678D 08		
546.43	2.215D 04	1086.41	1.680D 09	2127.72	4.812D 08	3697.31	1.826D 08	4078.38	1.596D 08		
649.38	2.388D 05	1100.00	1.652D 09	2292.47	4.104D 08	3698.31	1.826D 08	4101.73	7.844D 07		
800.11	2.210D 06	1112.26	1.630D 09	2484.88	3.435D 08	3700.50	1.826D 08	4141.06	1.535D 08		
911.76	6.518D 06	1136.26	1.576D 09	2600.00	3.105D 08	3702.69	1.821D 08	4217.72	1.451D 08		
911.76	6.475D 06	1161.33	1.521D 09	2600.00	3.105D 08	3703.85	1.821D 08	4297.27	1.355D 08		
913.07	7.203D 06	1175.00	1.490D 09	2677.27	3.029D 08	3705.25	1.823D 08	4340.46	6.911D 07		
915.54	7.698D 06	1181.83	1.477D 09	2837.09	2.618D 08	3707.91	1.823D 08	4422.28	1.233D 08		
918.03	8.620D 06	1194.99	1.434D 09	3017.20	2.245D 08	3710.56	1.811D 08	4586.15	1.090D 08		
919.35	9.241D 06	1208.45	1.221D 09	3121.75	2.057D 08	3711.97	1.808D 08	4762.63	9.566D 07		
919.63	9.352D 06	1215.67	6.993D 07	3121.76	2.092D 08	3713.69	1.809D 08	4861.32	5.123D 07		
920.16	9.416D 06	1216.42	7.007D 07	3169.76	2.010D 08	3716.95	1.811D 08	4892.89	8.635D 07		
920.68	9.853D 06	1217.83	2.522D 08	3264.93	1.858D 08	3720.21	1.783D 08	4953.86	8.348D 07		
920.96	1.007D 07	1219.25	7.085D 08	3365.99	1.714D 08	3721.94	1.774D 08	5016.38	8.003D 07		
921.34	1.026D 07	1220.00	8.851D 08	3421.87	1.643D 08	3724.08	1.785D 08	5050.00	7.825D 07		
922.06	1.038D 07	1223.41	1.225D 09	3421.87	2.092D 08	3728.14	1.793D 08	5123.58	7.444D 07		
922.77	1.084D 07	1229.92	1.339D 09	3458.74	2.019D 08	3732.22	1.744D 08	5269.12	6.750D 07		
923.15	1.106D 07	1236.50	1.356D 09	3530.87	1.887D 08	3734.37	1.719D 08	5423.16	6.103D 07		
923.68	1.129D 07	1240.00	1.356D 09	3606.08	1.765D 08	3737.09	1.757D 08	5508.11	5.782D 07		
924.69	1.255D 07	1249.96	1.345D 09	3647.05	1.702D 08	3742.24	1.790D 08	5665.32	5.240D 07		
925.69	1.238D 07	1269.29	1.309D 09	3647.05	1.646D 08	3747.42	1.681D 08	5989.38	4.311D 07		
926.22	1.262D 07	1289.23	1.275D 09	3649.67	1.633D 08	3750.15	1.604D 08	6352.76	3.505D 07		
927.00	1.286D 07	1300.00	1.257D 09	3654.64	1.633D 08	3753.67	1.707D 08	6562.80	2.177D 07		
928.48	1.760D 07	1316.23	1.231D 09	3659.62	1.634D 08	3760.36	1.799D 08	6797.77	2.757D 07		
929.90	1.371D 07	1348.15	1.177D 09	3682.26	1.635D 08	3767.03	1.639D 08	7292.74	2.149D 07		
930.75	1.394D 07	1381.65	1.127D 09	3685.27	1.636D 08	3770.63	1.451D 08	7865.45	1.639D 07		
931.96	1.578D 07	1400.00	1.101D 09	3670.98	1.643D 08	3775.31	1.692D 08	8205.87	1.509D 07		
934.26	4.932D 07	1419.35	1.070D 09	3676.71	1.653D 08	3784.22	1.831D 08	8205.87	1.408D 07		
936.58	1.904D 07	1457.53	1.019D 09	3679.74	1.659D 08	3793.16	1.598D 08	8862.47	1.183D 07		
937.80	1.665D 07	1497.83	9.692D 08	3680.27	1.799D 08	3797.90	1.229D 08	10448.64	6.186D 06		
939.84	4.537D 07	1520.00	9.445D 08	3681.28	1.802D 08	3804.32	1.690D 08	12726.36	3.033D 06		
943.74	3.895D 08	1545.12	9.127D 08	3682.28	1.805D 08	3816.55	1.879D 08	14380.00	1.909D 06		
947.66	5.753D 07	1595.10	8.599D 08	3682.81	1.806D 08	3828.85	1.645D 08	15890.88	1.342D 06		
949.74	1.829D 07	1648.41	8.056D 08	3683.50	1.808D 08	3835.38	1.065D 08	19843.04	5.693D 05		
953.60	4.222D 08	1678.00	7.785D 08	3684.82	1.811D 08	3844.54	1.746D 08	26411.82	1.894D 05		
961.00	1.250D 09	1723.39	7.387D 08	3686.13	1.814D 08	3862.03	1.882D 08	32000.00	8.946D 04		
968.52	7.714D 08	1816.53	6.644D 08	3686.83	1.816D 08	3879.67	1.686D 08	34121.04	6.969D 04		
972.54	2.509D 07	1920.32	5.955D 08	3687.64	1.818D 08	3889.05	9.236D 07	39024.39	4.113D 04		
981.32	1.485D 09	1980.00	5.588D 08	3689.19	1.821D 08	3902.80	1.765D 08	45573.51	2.235D 04		
998.42	1.726D 09	1991.74	5.519D 08	3690.73	1.823D 08	3929.14	1.816D 08	50000.00	1.551D 04		
1016.12	1.530D 09	2014.39	5.388D 08	3691.52	1.824D 08	3955.84	1.713D 08	54724.75	1.086D 04		
1025.72	2.936D 07	2037.56	5.267D 08	3692.55	1.825D 08	3970.07	8.594D 07	66666.67	4.978D 03		
1037.82	1.613D 09	2050.00	5.202D 08	3694.35	1.826D 08	3992.20	1.710D 08	85275.25	1.878D 03		

TEFF = 18000.0 LOG(G) = 4.50 X = 0.01640 Y = 0.98360

I	TAJ	TE	PG	PE	RHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	1.2280 04	3.0920-03	1.5450-03	5.8200-15	1.0420-01	-1.5270-03	7.1240 01	1.0000 00	9.9910-01	1.6980-10
3	1.0003-07	1.2280 04	3.0470-02	1.5170-02	5.7570-14	1.0360-01	-1.5270-03	7.1310 01	1.0000 00	9.9170-01	1.6960-11
5	1.0003-06	1.2250 04	3.1350-01	1.5060-01	6.1460-13	9.7590-02	-1.5260-03	7.1840 01	1.0000 00	9.1900-01	1.4130-12
7	1.0003-05	1.2020 04	4.3200 02	1.3740 00	1.1320-11	5.4760-02	-1.5310-02	6.4380 01	9.9980-01	4.3100-01	2.5730-14
9	1.0003-04	1.1670 04	1.2190 02	1.1140 01	4.3850-10	2.2170-02	-3.8740-03	5.1050 01	9.9810-01	4.0720-02	5.7170-17
11	1.0003-03	1.2100 04	8.5110 02	6.3170 01	3.0090-09	5.4400-02	-3.0340 00	9.1260 01	9.9440-01	1.9190-02	3.5730-17
13	1.3593-03	1.2150 04	1.0460 03	7.6280 01	3.6900-09	6.1980-02	-4.5630 00	5.3420 01	9.9370-01	1.7630-02	3.3640-17
15	1.8480-03	1.2210 04	1.2780 03	9.2180 01	4.4880-09	7.1150-02	-4.1710 00	6.8360 01	9.9300-01	1.6690-02	3.4880-17
17	2.5123-03	1.2290 04	1.5520 03	1.1150 02	5.4140-09	8.2260-02	-6.1520-01	5.0670 01	9.9240-01	1.6410-02	4.0740-17
19	3.4153-03	1.2420 04	1.8710 03	1.3590 02	6.4570-09	9.6450-02	1.3930 00	3.9880 01	9.9210-01	1.7390-02	6.0670-17
21	4.6423-03	1.2560 04	2.2390 03	1.6570 02	7.6270-09	1.1380-01	9.1150 00	4.0770 01	9.9170-01	1.9080-02	1.0090-16
23	6.3103-03	1.2720 04	2.6630 03	2.0230 02	8.9380-09	1.3520-01	4.8230 01	1.0440 01	9.9170-01	2.1560-02	1.8380-16
25	8.5773-03	1.2890 04	3.1460 03	2.4630 02	1.0390-08	1.6100-01	3.8850 01	2.7550 00	9.9140-01	2.4470-02	3.3940-16
27	1.1663-02	1.3060 04	3.6980 03	2.9880 02	1.2030-08	1.9180-01	1.4310 01	1.8620 01	9.9110-01	2.7650-02	6.1500-16
29	1.5853-02	1.3240 04	4.3280 03	3.6210 02	1.3850-08	2.2910-01	1.1930 01	9.8590-01	9.9090-01	3.1300-02	1.1200-15
31	2.1543-02	1.3410 04	5.0410 03	4.3680 02	1.5870-08	2.7330-01	3.8870-01	2.7780-01	9.9070-01	3.5120-02	1.9760-15
33	2.9293-02	1.3580 04	5.8570 03	5.2600 02	1.8140-08	3.2600-01	2.1340 00	1.0810 01	9.9050-01	3.9200-02	3.4210-15
35	3.9813-02	1.3770 04	6.7830 03	6.3690 02	2.0630-08	3.9360-01	7.2930-01	-1.3430 01	9.9040-01	4.4900-02	6.2910-15
37	5.4123-02	1.3970 04	7.8150 03	7.7400 02	2.3290-08	4.8020-01	3.1270-01	1.6450 01	9.9050-01	5.1190-02	1.2150-14
39	7.3563-02	1.4210 04	8.9550 03	9.5000 02	2.6030-08	5.9810-01	3.4210-01	-2.6130 01	9.9070-01	6.0530-02	2.5900-14
41	1.0003-01	1.4490 04	1.0180 04	1.1830 03	2.8710-08	7.8860-01	3.4360-01	-2.7720 01	9.9100-01	7.4070-02	6.2980-14
43	1.2593-01	1.4720 04	1.1140 04	1.3980 03	3.0600-08	9.3780-01	-3.2070-02	-1.7510 01	9.9120-01	8.6970-02	1.2710-13
45	1.5853-01	1.4960 04	1.2120 04	1.6590 03	3.2330-08	1.1580 00	3.9830-01	-5.1270 01	9.9150-01	1.0290-01	2.6590-13
47	1.9953-01	1.5230 04	1.3120 04	1.9810 03	3.3790-08	1.4550 00	1.8750 00	-5.7090 01	9.9190-01	1.2360-01	5.9160-13
49	2.5123-01	1.5540 04	1.4100 04	2.3900 03	3.4810-08	1.8760 00	2.0470 00	-4.7520 01	9.9240-01	1.5160-01	1.4490-12
51	3.1623-01	1.5910 04	1.5040 04	2.9220 03	3.5200-08	2.4910 00	3.7690 00	-7.5720 01	9.9310-01	1.9100-01	4.0230-12
53	3.9813-01	1.6290 04	1.5920 04	3.4550 03	3.5100-08	3.3060 00	2.3970 00	-5.9090 01	9.9370-01	2.3970-01	1.1270-11
55	5.0123-01	1.6690 04	1.6730 04	4.2540 03	3.4560-08	4.3250 00	4.1410 00	-4.5100 01	9.9440-01	2.9730-01	3.1040-11
57	6.3103-01	1.7110 04	1.7530 04	5.0600 03	3.5810-08	5.5880 00	6.7920 00	-4.9790 01	9.9460-01	3.6470-01	8.7250-11
59	7.9433-01	1.7560 04	1.8380 04	5.9370 03	3.2730-08	7.0670 00	5.3440 00	-5.6240 01	9.9470-01	4.4280-01	2.4900-10
61	1.0003 00	1.8050 04	1.9180 04	6.8780 03	3.1490-08	8.7330 00	2.2450 00	-6.4550 01	9.9490-01	5.3020-01	7.2650-10
63	1.2593 00	1.8590 04	2.0000 04	7.8620 03	3.0180-08	1.0460 01	2.7400 00	-5.7450 01	9.9530-01	6.2460-01	2.2060-09
65	1.5853 00	1.9150 04	2.0880 04	8.8250 03	2.9080-08	1.1990 01	3.8650-01	-4.4210 01	9.9570-01	7.1450-01	6.6240-09
67	1.9953 00	1.9740 04	2.1870 04	9.7450 03	2.8380-08	1.3140 01	1.5010 01	-5.8470 01	9.9620-01	7.9120-01	1.9060-08
69	2.5123 00	2.0370 04	2.3020 04	1.0660 04	2.8040-08	1.3890 01	1.8100 01	-1.2840 02	9.9660-01	8.5380-01	5.4950-08
71	3.1623 00	2.1050 04	2.4420 04	1.1620 04	2.8110-08	1.4280 01	1.2840 01	-1.9600 02	9.9710-01	9.0110-01	1.5770-07
73	3.9813 00	2.1790 04	2.6160 04	1.2660 04	2.8630-08	1.4400 01	3.9220 00	-2.2530 02	9.9750-01	9.3450-01	4.4760-07
75	5.0123 00	2.2560 04	2.8340 04	1.3880 04	2.9640-08	1.4410 01	5.2630 00	-2.2610 02	9.9780-01	9.5680-01	1.2300-06
77	6.3103 00	2.3310 04	3.1090 04	1.5320 04	3.1260-08	1.4510 01	1.5260 01	-2.1980 02	9.9810-01	9.7020-01	3.0160-06
79	7.9433 00	2.4090 04	3.4520 04	1.7090 04	3.3440-08	1.4690 01	1.9990 01	-3.2400 02	9.9830-01	9.7920-01	7.1500-06
81	1.0003 01	2.5000 04	3.8800 04	1.9270 04	3.6110-08	1.4820 01	1.5780 01	-4.4720 02	9.9860-01	9.8590-01	1.8130-05
83	1.2593 01	2.5980 04	4.4140 04	2.1960 04	3.9460-08	1.5000 01	4.4900 00	-5.8890 02	9.9860-01	9.8940-01	4.5780-05
85	1.5853 01	2.6980 04	5.0760 04	2.5280 04	4.3640-08	1.5380 01	-2.0980 00	-4.8940 02	9.9870-01	9.9160-01	1.0760-04
87	1.9953 01	2.7970 04	5.8830 04	2.9330 04	4.8740-08	1.5960 01	-2.3740 00	-4.1030 02	9.9870-01	9.9310-01	2.3370-04
89	2.5123 01	2.8990 04	6.8590 04	3.4220 04	5.4790-08	1.6710 01	-1.9270 01	-2.8220 02	9.9870-01	9.9420-01	4.8390-04
91	3.1623 01	3.0130 04	8.0330 04	4.0100 04	6.1700-08	1.7470 01	-1.5160 01	-3.2650 01	9.9870-01	9.9480-01	1.0340-03
93	3.9813 01	3.1380 04	9.4470 04	4.7210 04	6.9600-08	1.8280 01	-1.1040 01	1.1350 02	9.9880-01	9.9450-01	2.2410-03
95	5.0123 01	3.2680 04	1.1140 05	5.4570 04	7.8680-08	1.9320 01	-7.9490 00	2.0650 02	9.9880-01	9.9280-01	4.6870-03
97	6.3103 01	3.4000 04	1.3140 05	6.5920 04	8.9000-08	2.0730 01	-8.0410 00	2.8370 02	9.9880-01	9.8870-01	9.2130-03
99	7.9433 01	3.5410 04	1.5470 05	7.7910 04	1.0020-07	2.2620 01	-7.0750 00	3.5630 02	9.9880-01	9.8020-01	1.7880-02

TEFF = 18000.0 LOG(G) = 4.50 X = 0.01640 Y = 0.98360

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.753D 03	1061.56	1.745D 09	2050.00	5.331D 03	3696.18	1.697D 08	4034.83	1.678D 08
546.43	6.976D 03	1086.41	1.730D 09	2127.72	4.930D 03	3697.15	1.699D 08	4078.38	1.564D 08
649.38	8.778D 04	1100.00	1.702D 09	2292.47	4.193D 08	3698.31	1.701D 08	4101.73	7.128D 07
800.11	9.512D 05	1112.26	1.682D 09	2484.88	3.501D 08	3700.50	1.703D 08	4141.06	1.532D 08
911.76	3.073D 06	1136.26	1.627D 09	2600.00	3.161D 08	3702.69	1.702D 08	4217.72	1.457D 08
911.76	3.048D 06	1161.33	1.569D 09	2600.00	3.161D 08	3703.85	1.703D 08	4297.27	1.355D 08
913.07	3.607D 06	1175.00	1.534D 09	2677.27	3.061D 08	3705.25	1.704D 08	4340.46	6.278D 07
915.54	3.949D 06	1181.83	1.517D 09	2837.09	2.645D 08	3707.91	1.706D 08	4422.28	1.237D 08
918.03	4.528D 06	1194.99	1.453D 09	3017.20	2.263D 08	3711.97	1.700D 08	4586.15	1.095D 08
919.35	4.924D 06	1208.45	1.027D 09	3121.75	2.072D 08	3713.69	1.702D 08	4762.63	9.597D 07
919.63	5.005D 06	1215.67	4.744D 07	3121.76	2.103D 08	3716.95	1.703D 08	4861.32	4.651D 07
920.16	5.044D 06	1216.42	4.761D 07	3169.76	2.020D 08	3720.21	1.689D 08	4892.89	8.557D 07
920.63	5.337D 06	1217.83	1.057D 08	3264.93	1.867D 08	3721.94	1.686D 08	4953.86	8.371D 07
920.96	5.486D 06	1219.25	3.450D 08	3365.99	1.722D 03	3724.94	1.694D 08	5016.38	8.031D 07
921.34	5.619D 06	1220.00	5.185D 08	3421.87	1.648D 08	3728.14	1.699D 08	5050.00	7.853D 07
922.06	5.632D 06	1223.41	1.059D 09	3421.87	2.004D 03	3732.22	1.668D 08	5123.58	7.468D 07
922.77	6.042D 06	1229.92	1.321D 09	3458.74	1.937D 08	3734.37	1.653D 08	5269.12	6.777D 07
923.15	6.203D 06	1236.50	1.374D 09	3530.87	1.814D 09	3742.24	1.632D 08	5423.16	6.125D 07
923.68	6.337D 06	1240.00	1.382D 09	3606.08	1.694D 08	3747.42	1.611D 08	5508.11	5.801D 07
924.69	7.237D 06	1249.96	1.382D 09	3647.05	1.632D 08	3750.15	1.560D 08	5665.32	5.258D 07
925.69	7.107D 06	1269.29	1.351D 09	3647.05	1.566D 08	3753.67	1.629D 08	5989.38	4.325D 07
926.22	7.266D 06	1289.23	1.317D 09	3649.67	1.561D 08	3770.63	1.629D 08	6352.76	3.514D 07
927.00	7.485D 06	1300.00	1.298D 09	3654.64	1.556D 08	3775.31	1.602D 08	6562.80	1.991D 07
928.48	1.053D 07	1316.23	1.275D 09	3659.62	1.554D 03	3784.22	1.710D 08	6797.77	2.763D 07
929.96	8.029D 06	1348.15	1.216D 09	3662.26	1.554D 03	3793.16	1.486D 08	7292.74	2.154D 07
930.75	8.170D 06	1381.65	1.164D 09	3665.27	1.556D 08	3797.90	1.431D 08	7865.45	1.642D 07
931.96	9.425D 06	1400.00	1.137D 09	3670.98	1.561D 08	3804.32	1.570D 08	8205.87	1.490D 07
934.26	1.866D 07	1419.35	1.107D 09	3676.71	1.569D 08	3828.85	1.501D 08	8205.87	1.406D 07
936.58	1.152D 07	1457.53	1.051D 09	3679.74	1.574D 03	3835.38	1.024D 08	8862.47	1.181D 07
937.80	1.009D 07	1497.83	9.937D 08	3680.27	1.669D 08	3844.54	1.616D 08	10448.64	6.377D 06
939.84	1.884D 07	1520.00	9.733D 08	3681.28	1.671D 03	3879.67	1.535D 08	12726.36	3.029D 06
943.74	1.006D 08	1545.12	9.405D 08	3682.28	1.672D 08	3889.05	1.768D 08	14380.00	1.903D 06
947.66	2.175D 07	1595.10	8.852D 08	3682.81	1.674D 03	3902.80	1.501D 08	15890.88	1.336D 06
949.74	1.111D 07	1648.41	8.295D 08	3683.50	1.675D 08	3929.14	1.792D 08	19843.04	5.662D 05
953.60	1.091D 08	1678.00	8.005D 08	3684.82	1.677D 08	3955.84	1.620D 08	26411.82	1.880D 05
959.00	7.759D 08	1723.39	7.589D 08	3686.13	1.679D 08	3970.07	1.813D 08	32000.00	8.844D 04
968.52	2.944D 08	1816.53	6.827D 08	3686.83	1.681D 08	3975.67	1.535D 08	34121.04	6.889D 04
972.54	1.542D 07	1920.32	6.105D 08	3687.64	1.682D 03	3989.05	1.659D 08	39024.39	4.056D 04
981.32	1.149D 09	1980.00	5.726D 08	3689.19	1.687D 08	3992.80	1.659D 08	45573.51	2.195D 04
998.42	1.621D 09	1991.74	5.671D 08	3690.73	1.690D 08	3995.84	1.620D 08	50000.00	1.521D 04
1016.12	1.247D 09	2014.39	5.521D 08	3691.55	1.691D 08	3995.84	1.620D 08	54724.75	1.062D 04
1025.72	1.841D 07	2037.56	5.398D 08	3692.52	1.693D 08	3995.84	1.620D 08	66666.67	4.848D 03
1037.82	1.449D 09	2050.00	5.331D 08	3694.35	1.696D 08	3995.84	1.620D 08	85275.25	1.817D 03

TEFF = 18000.0 LOG(G) = 2.50 X = 0.14300 Y = 0.85700

I	TAU	TE	PG	PE	PHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0003-C8	1.1870 04	2.0730-C5	1.0360-C5	2.9820-17	1.4200-01	-3.5360-01	-1.5800 01	1.0000 00	1.0000 00	3.9590-09
3	1.0003-C7	1.1870 04	2.0330-C4	1.0160-C4	2.9950-16	1.4200-01	-3.5360-01	-2.4470 02	1.0000 00	9.9990-01	4.0350-10
5	1.0003-C6	1.1870 04	2.0290-C3	1.0140-C3	2.9010-15	1.4190-01	-3.5360-01	-6.4410 02	1.0000 00	9.9860-01	4.0320-11
7	1.0003-C5	1.1870 04	2.0360-C2	1.0140-C2	2.9220-14	1.4100-01	-3.5370-01	-6.4400 02	1.0000 00	9.8660-01	3.9430-12
9	1.0003-C4	1.1850 04	2.1070-C1	1.0130-C1	3.1320-13	1.3280-01	-4.2980-01	-6.4320 02	1.0000 00	8.7660-01	3.2670-13
11	1.0003-C3	1.2050 04	2.4690-C0	1.0360-C0	4.0650-12	1.1010-01	-7.0530-01	8.9460 00	9.9990-01	5.1750-01	4.6440-14
13	1.3593-C3	1.2160 04	3.4170 00	1.4060 00	5.6150-12	1.1130-01	-7.2410-01	1.0960 01	9.9980-01	4.9780-01	5.3490-14
15	1.8483-C3	1.2280 04	4.6820 00	1.9150 00	7.6460-12	1.1390-01	-7.3840-01	1.1750 01	9.9980-01	4.8650-01	6.6730-14
17	2.5123-C3	1.2410 04	6.3490 00	2.5870 00	1.0280-11	1.1780-01	-7.5060-01	1.2420 01	9.9980-01	4.7920-01	8.5990-14
19	3.4153-C3	1.2540 04	8.5170 00	3.4580 00	1.3690-11	1.2290-01	-7.5980-01	1.2660 01	9.9980-01	4.7250-01	1.1010-13
21	4.6423-C3	1.2650 04	1.1340 01	4.5700 00	1.8140-11	1.2860-01	-7.5610-01	1.3050 01	9.9970-01	4.5890-01	1.2940-13
23	6.3103-C3	1.2750 04	1.4980 01	5.9780 00	2.3950-11	1.3520-01	-7.5860-01	1.3150 01	9.9970-01	4.3990-01	1.4150-13
25	8.5773-C3	1.2830 04	1.9650 01	7.7360 00	3.1510-11	1.4280-01	-7.6690-01	1.3530 01	9.9960-01	4.1530-01	1.4350-13
27	1.1663-C2	1.2910 04	2.5600 01	9.9400 00	4.1140-11	1.5230-01	-7.3110-01	1.3720 01	9.9960-01	3.9150-01	1.4460-13
29	1.5853-C2	1.3000 04	3.3060 01	1.2690 01	5.3180-11	1.6450-01	-7.4820-01	1.3890 01	9.9950-01	3.7180-01	1.5050-13
31	2.1543-C2	1.3100 04	4.2260 01	1.6130 01	6.7670-11	1.8070-01	-7.2330-01	1.4080 01	9.9940-01	3.6220-01	1.7460-13
33	2.9293-C2	1.3240 04	5.3390 01	2.0410 01	8.4520-11	2.0180-01	-6.8790-01	1.4300 01	9.9930-01	3.6510-01	2.3340-13
35	3.9813-C2	1.3400 04	6.6610 01	2.5690 01	1.0360-10	2.2840-01	-6.6330-01	1.4540 01	9.9930-01	3.7970-01	3.5480-13
37	5.4123-C2	1.3610 04	8.1980 01	3.2230 01	1.2400-10	2.6280-01	-5.6640-01	1.4810 01	9.9920-01	4.1340-01	6.6330-13
39	7.3563-C2	1.3860 04	9.9600 01	4.0200 01	1.4540-10	3.0530-01	-4.8480-01	1.5040 01	9.9920-01	4.6170-01	1.4160-12
41	1.0003-01	1.4150 04	1.1950 02	4.9890 01	1.6700-10	3.5700-01	-4.4020-01	1.5230 01	9.9920-01	5.2770-01	3.5390-12
43	1.2593-01	1.4390 04	1.3610 02	5.8290 01	1.8330-10	4.0080-01	-3.2450-01	1.5310 01	9.9930-01	5.8300-01	7.3710-12
45	1.5853-01	1.4660 04	1.5410 02	6.7840 01	1.9960-10	4.4880-01	-2.3230-01	1.5280 01	9.9930-01	6.4470-01	1.6500-11
47	1.9993-01	1.4960 04	1.7380 02	7.8530 01	2.1630-10	4.9870-01	-1.2910-01	1.5100 01	9.9940-01	7.0670-01	3.8100-11
49	2.5123-01	1.5290 04	1.9570 02	9.0620 01	2.3320-10	5.4970-01	-9.0060-02	1.4710 01	9.9940-01	7.7040-01	9.8620-11
51	3.1623-01	1.5670 04	2.2030 02	1.0420 02	2.5140-10	5.9790-01	-8.1910-02	1.4170 01	9.9950-01	8.2970-01	2.6010-10
53	3.9813-01	1.6510 04	2.8140 02	1.3700 02	2.9680-10	6.8240-01	2.1780-02	1.2720 01	9.9960-01	8.7760-01	7.0680-10
55	5.0123-01	1.6510 04	3.2040 02	1.5730 02	3.2600-10	7.1880-01	3.1370-02	1.1840 01	9.9970-01	9.1430-01	1.9300-09
57	6.3103-01	1.6980 04	3.6710 02	1.8120 02	3.6090-10	7.5380-01	-5.1850-02	1.1110 01	9.9970-01	9.4020-01	5.3290-09
59	7.9433-01	1.7480 04	4.2350 02	2.0980 02	4.0210-10	7.8900-01	-3.9050-01	1.1240 01	9.9970-01	9.7040-01	4.1730-08
61	1.0003 00	1.8030 04	4.9160 02	2.4430 02	4.5070-10	8.2500-01	-4.1830-01	1.2360 01	9.9970-01	9.7970-01	1.1940-07
63	1.2593 00	1.8620 04	5.7400 02	2.8580 02	5.0820-10	8.6380-01	2.6950-01	1.1850 01	9.9970-01	9.8610-01	3.3560-07
65	1.5853 00	1.9250 04	6.7330 02	3.3570 02	5.7570-10	9.0630-01	4.6000-01	8.7380 00	9.9970-01	9.9040-01	9.1830-07
67	1.9993 00	2.0610 04	7.9270 02	3.9560 02	6.5380-10	9.4970-01	3.2940-01	5.4110 00	9.9970-01	9.9350-01	2.5480-06
69	2.5123 00	2.1390 04	9.3680 02	4.6780 02	7.4410-10	9.9370-01	-4.9580-01	4.8770 00	9.9970-01	9.9570-01	7.2050-06
71	3.1623 00	2.1390 04	1.1110 03	5.5520 02	8.4820-10	1.0370 00	-1.1670 00	9.9740 00	9.9970-01	9.9710-01	2.0980-05
73	3.9813 00	2.2250 04	1.3230 03	6.6100 02	9.7080-10	1.0880 00	-2.9780-01	1.4500 01	9.9970-01	9.9810-01	5.7520-05
75	5.0123 00	2.3130 04	1.5760 03	7.8760 02	1.1170-09	1.1570 00	1.6790 00	7.4560 00	9.9970-01	9.9850-01	1.3240-04
77	6.3103 00	2.3940 04	1.8730 03	9.3640 02	1.2820-09	1.2270 00	8.0260-01	-1.6450 00	9.9980-01	9.9870-01	3.0430-04
79	7.9433 00	2.4800 04	2.2230 03	1.1120 03	1.4570-09	1.2750 00	-7.2510-01	-2.3370 00	9.9980-01	9.9840-01	8.2630-04
81	1.0003 01	2.5890 04	2.6430 03	1.3220 03	1.6480-09	1.3110 00	-1.8690 00	9.3920 00	9.9980-01	9.9680-01	2.5390-03
83	1.2593 01	2.7190 04	3.1540 03	1.5810 03	1.8740-09	1.3730 00	-4.2500-01	1.6100 01	9.9980-01	9.9260-01	6.9050-03
85	1.5853 01	2.8500 04	3.7650 03	1.8910 03	2.1440-09	1.4840 00	1.4360 00	1.0410 01	9.9980-01	9.8450-01	1.5020-02
87	1.9993 01	2.9660 04	4.4650 03	2.2510 03	2.4420-09	1.6390 00	6.5170-01	-1.4290 00	9.9980-01	9.7050-01	2.9120-02
89	2.5123 01	3.0760 04	5.2130 03	2.6560 03	2.6980-09	1.8470 00	-4.2390-01	3.3920-01	9.9980-01	9.3460-01	6.8050-02
91	3.1623 01	3.2160 04	5.9270 03	3.0570 03	2.8330-09	2.2400 00	-6.3220-01	3.3090 00	9.9980-01	8.4280-01	1.5690-01
93	3.9813 01	3.3900 04	6.5150 03	3.5670 03	2.8330-09	2.8880 00	-8.3300-01	3.1480 00	9.9980-01	6.8260-01	3.1720-01
95	5.0123 01	3.5670 04	6.9880 03	3.9520 03	2.7600-09	3.6150 00	2.0400-01	3.0640 00	9.9980-01	4.9610-01	5.0380-01
97	6.3103 01	3.7320 04	7.3920 03	4.3190 03	2.6780-09	4.2130 00	7.4340-01	3.1930 00	9.9980-01	3.2410-01	6.7580-01
99	7.9433 01	3.8940 04									



TEFF = 18000.0 LOG(G) = 2.50 X = 0.14300 Y = 0.85700

-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	5.3590 03	1061.56	1.5330 09	2050.00	5.4260 08	3696.18	1.5370 08	4034.83	1.5620 08
546.43	1.8620 04	1085.41	1.5090 09	2127.72	5.0140 03	3697.15	1.5000 08	4078.38	1.5060 08
649.38	1.5910 05	1100.00	1.4940 09	2292.47	4.2600 08	3598.31	1.5430 08	4101.73	5.7910 07
800.11	1.5910 06	1112.26	1.4790 09	2484.88	3.5510 08	3700.50	1.5760 08	4141.06	1.4370 08
911.76	4.5710 06	1136.26	1.4480 09	2600.00	3.1960 08	3702.69	1.5050 08	4217.72	1.3560 08
911.76	4.5340 06	1161.33	1.4160 09	2600.00	3.1960 08	3703.85	1.4300 08	4297.27	1.2760 08
913.07	7.8910 06	1175.00	1.3970 09	2677.27	3.0720 03	3705.25	1.5240 08	4340.46	5.0750 07
915.54	9.5110 06	1181.83	1.3860 09	2837.09	2.6560 03	3707.91	1.5950 08	4422.28	1.1630 08
918.03	1.1950 07	1194.99	1.3660 09	3017.20	2.2710 03	3710.56	1.4830 08	4586.15	1.0320 08
919.35	1.3710 07	1208.45	1.3090 09	3121.75	2.0790 03	3711.97	1.3400 08	4762.63	9.1060 07
919.63	1.4120 07	1215.67	2.5820 08	3121.76	2.1050 08	3713.69	1.5180 08	4861.32	3.9410 07
920.16	1.4380 07	1216.42	2.5820 08	3169.76	2.0220 08	3716.95	1.6350 08	4892.89	8.3100 07
920.68	1.5800 07	1217.83	8.6980 08	3264.93	1.8700 08	3720.21	1.4580 08	4953.86	7.9860 07
920.96	1.6570 07	1219.25	1.1540 09	3365.99	1.7240 08	3721.94	1.1960 08	5016.38	7.6590 07
921.34	1.7270 07	1220.00	1.2120 09	3421.87	1.6500 08	3724.08	1.5120 08	5050.00	7.4890 07
922.06	1.7400 07	1223.41	1.2960 09	3421.87	1.8730 08	3728.14	1.6980 08	5123.58	7.1340 07
922.77	1.9840 07	1229.92	1.3130 09	3458.74	1.8150 08	3732.22	1.4820 08	5269.12	6.4910 07
923.15	2.0900 07	1236.50	1.3100 09	3530.87	1.7080 08	3734.37	1.0700 08	5423.16	5.8880 07
923.68	2.1980 07	1240.00	1.3060 09	3608.08	1.6050 08	3737.09	1.5550 08	5508.11	5.5840 07
924.69	2.9870 07	1249.96	1.2940 09	3647.05	1.5520 08	3742.24	1.7660 08	5665.32	5.0730 07
925.69	2.8590 07	1269.29	1.2690 09	3647.05	1.4900 08	3747.42	1.5210 08	5989.38	4.1910 07
926.22	3.0500 07	1289.23	1.2430 09	3649.67	1.4860 08	3750.15	9.4140 07	6352.76	3.4180 07
927.00	3.2500 07	1300.00	1.2290 09	3654.64	1.4940 08	3753.67	1.6100 08	6562.80	1.8270 07
928.48	8.8510 07	1316.23	1.2070 09	3659.62	1.5190 08	3760.36	1.8190 08	6797.77	2.6990 07
929.95	3.8990 07	1348.15	1.1660 09	3662.26	1.5380 08	3767.08	1.6160 08	7292.74	2.1080 07
930.75	4.0940 07	1381.65	1.1240 09	3665.27	1.5620 08	3770.63	8.6660 07	7865.45	1.6130 07
931.96	6.3960 07	1400.00	1.1020 09	3670.98	1.6000 08	3775.31	1.7020 08	8205.87	1.4410 07
934.26	3.3560 08	1419.35	1.0770 09	3676.71	1.6100 08	3784.22	1.8400 08	8205.87	1.3580 07
936.58	1.1480 08	1457.53	1.0330 09	3679.74	1.6000 08	3793.16	1.6890 08	8862.47	1.1420 07
937.80	7.3830 07	1497.83	9.8710 08	3680.27	1.6590 08	3797.90	8.0090 07	10448.64	6.2230 06
939.84	3.6880 08	1520.00	9.6400 08	3681.28	1.6540 08	3804.32	1.7530 08	12726.36	2.9780 06
943.74	8.3670 08	1545.12	9.3600 08	3682.28	1.6430 08	3816.55	1.8280 08	14380.00	1.8790 06
947.66	4.6220 08	1595.10	8.8520 08	3682.81	1.6360 08	3828.85	1.7330 08	15890.88	1.3170 06
949.74	8.4010 07	1648.41	8.3440 08	3683.50	1.6370 08	3835.38	7.5360 07	19843.04	5.6160 05
953.60	9.5360 08	1678.00	8.0740 08	3684.82	1.6320 08	3844.54	1.7640 08	26411.82	1.8730 05
961.00	1.3220 09	1723.39	7.6700 08	3686.13	1.6130 08	3862.03	1.7800 08	32000.00	8.8680 04
968.52	1.2070 09	1816.53	6.9330 08	3686.83	1.6000 08	3879.67	1.7200 08	34121.04	6.9110 04
972.54	1.6590 08	1920.32	6.2100 08	3687.64	1.6060 08	3889.05	6.9580 07	39024.39	4.0850 04
981.32	1.4640 09	1980.00	5.8330 08	3689.19	1.6040 08	3902.80	1.7140 08	45573.51	2.2320 04
998.42	1.5620 09	1991.74	5.7630 08	3690.73	1.5730 08	3929.14	1.6950 08	50000.00	1.5440 04
1016.12	1.5040 09	2014.39	5.6290 08	3691.55	1.5500 08	3955.84	1.9550 08	54724.75	1.0820 04
1025.72	1.2320 08	2037.56	5.4960 08	3692.52	1.5700 08	3970.07	6.4230 07	66666.67	4.9660 03
1037.82	1.5220 09	2050.00	5.4260 08	3694.35	1.5810 08	3992.20	1.6110 08	85275.25	1.8750 03

TEFF = 18000.0 LOG(G) = 3.00 X = 0.14300 Y = 0.85700											
I	TAU	TF	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2		
1	1.000D-C8	1.174D 04	6.983D-05	3.492D-05	1.009D-16	1.420D-01	9.724D-33	-1.562D 01	1.000D 00		
3	1.000D-C7	1.174D 04	6.858D-C4	3.429D-04	9.914D-16	1.420D-01	9.724D-33	-1.563D 01	1.000D 00		
5	1.000D-C6	1.174D 04	6.856D-03	3.422D-03	9.929D-15	1.415D-01	9.724D-33	-1.569D 01	1.000D 00		
7	1.000D-C5	1.172D 04	6.963D-02	3.418D-02	1.026D-13	1.374D-01	9.726D-33	-1.621D 01	1.000D 00		
9	1.000D-C4	1.165D 04	7.966D-01	3.395D-01	1.331D-12	1.091D-01	9.535D-33	-1.577D 01	9.999D-01		
11	1.000D-C3	1.211D 04	9.714E 0C	3.488D 0C	1.744D-11	1.037D-01	1.047D-32	-5.304D 00	9.996D-01		
13	1.359D-03	1.225D 04	1.298D 01	4.664D 00	2.303D-11	1.106D-01	1.063D-32	-7.589D 00	9.996D-01		
15	1.848D-03	1.237D 04	1.713D 01	6.129D 00	3.019D-11	1.182D-01	1.106D-32	-6.934D 00	9.995D-01		
17	2.512D-C3	1.247D 04	2.240D 01	7.952D 00	3.932D-11	1.269D-01	1.302D-32	-8.814D 00	9.995D-01		
19	3.415D-C3	1.255D 04	2.904D 01	1.019D 01	5.097D-11	1.367D-01	1.652D-32	-8.667D 00	9.994D-01		
21	4.642D-C3	1.261D 04	3.738D 01	1.292D 01	6.582D-11	1.481D-01	2.317D-32	-9.621D 00	9.993D-01		
23	6.310D-C3	1.266D 04	4.778D 01	1.626D 01	8.451D-11	1.616D-01	2.548D-32	-1.136D 01	9.992D-01		
25	8.577D-C3	1.271D 04	6.059D 01	2.035D 01	1.074D-10	1.785D-01	2.855D-32	-1.287D 01	9.990D-01		
27	1.166D-C2	1.279D 04	7.620D 01	2.536D 01	1.349D-10	1.994D-01	2.663D-32	-1.128D 01	9.989D-01		
29	1.585D-C2	1.289D 04	9.498D 01	3.154D 01	1.670D-10	2.255D-01	7.594D-33	-1.124D 01	9.987D-01		
31	2.154D-C2	1.302D 04	1.173D 02	3.907D 01	2.038D-10	2.571D-01	-1.967D-32	-8.820D 00	9.986D-01		
33	2.929D-C2	1.319D 04	1.435D 02	4.837D 01	2.449D-10	2.963D-01	-3.212D-32	-6.096D 00	9.985D-01		
35	3.981D-C2	1.338D 04	1.742D 02	5.967D 01	2.903D-10	3.437D-01	-4.480D-32	-3.682D 00	9.985D-01		
37	5.412D-C2	1.361D 04	2.095D 02	7.351D 01	3.392D-10	4.019D-01	-4.313D-32	-2.243D 00	9.984D-01		
39	7.356D-C2	1.386D 04	2.501D 02	9.037D 01	3.909D-10	4.731D-01	-3.882D-32	-5.218D-01	9.985D-01		
41	1.000D-C1	1.416D 04	2.960D 02	1.111D 02	4.432D-10	5.624D-01	-3.400D-32	-1.184D 00	9.985D-01		
43	1.259D-C1	1.439D 04	3.342D 02	1.294D 02	4.828D-10	6.412D-01	-2.581D-32	-9.673D-01	9.986D-01		
45	1.585D-C1	1.465D 04	3.758D 02	1.504D 02	5.220D-10	7.318D-01	3.388D-32	7.065D-01	9.987D-01		
47	1.995D-C1	1.493D 04	4.211D 02	1.743D 02	5.609D-10	8.328D-01	1.143D-31	2.406D 00	9.988D-01		
49	2.512D-C1	1.526D 04	4.705D 02	2.021D 02	5.967D-10	9.478D-01	1.439D-31	1.843D 00	9.989D-01		
51	3.162D-C1	1.544D 04	5.243D 02	2.338D 02	6.305D-10	1.069D 00	1.197D-31	-2.950D 00	9.990D-01		
53	3.981D-C1	1.604D 04	5.841D 02	2.686D 02	6.674D-10	1.186D 00	7.147D-32	-5.342D 00	9.992D-01		
55	5.012D-C1	1.645D 04	6.520D 02	3.069D 02	7.119D-10	1.293D 00	5.603D-32	-5.247D 00	9.993D-01		
57	6.310D-C1	1.689D 04	7.305D 02	3.499D 02	7.645D-10	1.390D 00	-7.115D-32	-4.296D 00	9.994D-01		
59	7.943D-C1	1.736D 04	8.230D 02	3.990D 02	8.288D-10	1.476D 00	-2.105D-31	-3.035D 00	9.994D-01		
61	1.000D 00	1.787D 04	9.331D 02	4.565D 02	9.049D-10	1.557D 00	-4.975D-31	-8.821D-01	9.994D-01		
63	1.259D 00	1.842D 04	1.065D 03	5.246D 02	9.953D-10	1.635D 00	-5.347D-31	1.186D 00	9.994D-01		
65	1.585D 00	1.901D 04	1.224D 03	6.056D 02	1.103D-09	1.716D 00	-1.680D-32	2.651D 00	9.994D-01		
67	1.995D 00	1.962D 04	1.644D 03	7.023D 02	1.232D-09	1.803D 00	1.963D-31	2.613D 00	9.994D-01		
69	2.512D 00	2.028D 04	1.848D 03	8.181D 02	1.382D-09	1.892D 00	1.115D-31	1.433D 00	9.995D-01		
71	3.162D 00	2.099D 04	1.920D 03	9.570D 02	1.557D-09	1.984D 00	-2.399D-31	4.154D-01	9.995D-01		
73	3.981D 00	2.177D 04	2.254D 03	1.124D 03	1.760D-09	2.077D 00	-7.783D-31	1.321D 00	9.995D-01		
75	5.012D 00	2.259D 04	2.655D 03	1.326D 03	1.997D-09	2.180D 00	-2.062D-31	3.035D 00	9.995D-01		
77	6.310D 00	2.337D 04	3.136D 03	1.566D 03	2.280D-09	2.314D 00	1.623D 00	5.459D-01	9.996D-01		
79	7.943D 00	2.418D 04	3.705D 03	1.851D 03	2.601D-09	2.455D 00	7.319D-31	-4.485D 00	9.996D-01		
81	1.000D 01	2.517D 04	4.380D 03	2.189D 03	2.953D-09	2.566D 00	-6.389D-31	-6.256D 00	9.996D-01		
83	1.259D 01	2.631D 04	5.194D 03	2.596D 03	3.350D-09	2.663D 00	-1.898D 00	1.318D 00	9.996D-01		
85	1.585D 01	2.748D 04	6.178D 03	3.089D 03	3.815D-09	2.783D 00	-7.109D-31	1.000D 01	9.996D-01		
87	1.995D 01	2.860D 04	7.359D 03	3.682D 03	4.363D-09	2.952D 00	1.136D 00	8.507D 00	9.996D-01		
89	2.512D 01	2.970D 04	8.751D 03	4.383D 03	4.991D-09	3.173D 00	1.548D 00	-5.380D 00	9.996D-01		
91	3.162D 01	3.100D 04	1.036D 04	5.204D 03	5.646D-09	3.401D 00	-1.369D-31	-9.856D 00	9.996D-01		
93	3.981D 01	3.261D 04	1.220D 04	6.168D 03	6.275D-09	3.708D 00	-1.003D 00	-3.137D 00	9.996D-01		
95	5.012D 01	3.432D 04	1.419D 04	7.286D 03	6.824D-09	4.297D 00	-8.253D-31	-4.852D 00	9.997D-01		
97	6.310D 01	3.600D 04	1.619D 04	8.529D 03	7.225D-09	5.323D 00	6.423D-31	1.112D 00	9.997D-01		
99	7.943D 01	3.767D 04	1.807D 04	9.845D 03	7.407D-09	6.805D 00	2.628D-31	-9.9134D-01	9.997D-01		

TEFF = 18000.0 LOG(G) = 3.00 X = 0.14300 Y = 0.85700									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.25	3.349D 03	1061.56	1.683D 09	2050.00	5.316D 08	3696.18	1.494D 08	4034.83	1.585D 08
546.43	1.214D C4	1086.41	1.656D 09	2127.72	4.903D 08	3697.15	1.493D 08	4078.38	1.520D 08
649.38	1.287D C5	1100.00	1.635D 09	2292.47	4.153D 08	3698.31	1.489D 08	4101.73	8.180D 07
800.11	1.173D C6	1112.26	1.614D 09	2484.88	3.454D 08	3700.50	1.495D 08	4141.06	1.456D 08
911.76	3.482D C6	1136.26	1.573D 09	2600.00	3.107D 08	3702.69	1.448D 08	4217.72	1.374D 08
911.76	3.441D C6	1161.33	1.527D 09	2600.00	3.107D 08	3703.85	1.444D 08	4297.27	1.289D C8
913.07	5.878D C6	1175.00	1.502D 09	2677.27	2.977D 08	3705.25	1.453D 08	4340.46	7.190D 07
915.54	6.886D C6	1181.83	1.486D 09	2837.09	2.572D 08	3707.91	1.487D 08	4422.28	1.174D 08
918.03	8.103D C6	1194.99	1.454D 09	3017.20	2.197D 08	3710.56	1.416D 08	4586.15	1.039D 08
919.35	8.851D C6	1208.45	1.317D 09	3121.76	2.011D 08	3711.97	1.398D 08	4762.63	9.149D 07
919.63	9.017D C6	1215.67	9.826D 07	3121.76	2.032D 08	3713.69	1.436D 08	4861.32	5.191D 07
920.16	9.137D C6	1216.42	9.838D 07	3169.76	1.952D 08	3716.95	1.501D 08	4892.89	8.315D 07
920.68	9.659D C6	1217.83	4.880D 08	3264.93	1.806D 08	3720.21	1.373D 08	4953.86	8.007D 07
920.96	9.934D C6	1219.25	9.485D 08	3365.99	1.665D 08	3721.94	1.315D 08	5016.38	7.675D 07
921.34	1.018D C7	1220.00	1.084D 09	3421.87	1.593D 08	3724.08	1.412D 08	5050.00	7.503D 07
922.06	1.024D C7	1223.41	1.311D 09	3421.87	1.772D 08	3728.14	1.547D 08	5123.58	7.142D 07
922.77	1.101D C7	1229.92	1.377D 09	3458.74	1.716D 08	3732.22	1.364D 08	5269.12	6.490D 07
923.15	1.133D C7	1236.50	1.381D 09	3530.87	1.614D 08	3734.37	1.231D 08	5423.16	5.879D 07
923.68	1.164D C7	1240.00	1.379D 09	3606.08	1.516D 08	3737.09	1.425D 08	5508.11	5.573D 07
924.69	1.352D C7	1249.96	1.366D 09	3647.05	1.466D 08	3742.24	1.623D 08	5665.32	5.058D 07
925.69	1.331D C7	1269.29	1.336D 09	3647.05	1.400D 08	3747.42	1.366D 08	5989.38	4.171D 07
926.22	1.375D C7	1289.23	1.304D 09	3649.67	1.396D 08	3750.15	1.118D 08	6352.76	3.396D 07
927.00	1.421D C7	1300.00	1.287D 09	3654.64	1.400D 08	3753.67	1.453D 08	6562.80	2.175D 07
928.48	2.379D C7	1316.23	1.260D 09	3659.62	1.416D 08	3760.36	1.714D 08	6797.77	2.677D 07
929.96	1.565D C7	1348.15	1.210D 09	3662.26	1.429D 08	3767.08	1.440D 08	7292.74	2.089D 07
930.75	1.606D C7	1381.65	1.160D 09	3665.27	1.448D 08	3770.63	1.050D 08	7865.45	1.596D 07
931.96	1.991D C7	1400.00	1.134D 09	3670.98	1.486D 08	3775.31	1.548D 08	8205.87	1.416D 07
934.26	8.878D C7	1419.35	1.105D 09	3676.71	1.515D 08	3784.22	1.785D 08	8205.87	1.353D 07
936.58	2.854D C7	1457.53	1.053D 09	3679.74	1.522D 08	3793.16	1.529D 08	8862.47	1.138D 07
937.80	2.197D C7	1497.83	1.002D 09	3680.27	1.566D 08	3797.90	9.851D 07	10448.64	6.177D 06
939.84	9.712D C7	1520.00	9.760D 08	3681.28	1.567D 08	3804.32	1.641D 08	12726.36	2.947D 06
943.74	4.470D C8	1545.12	9.448D 08	3682.28	1.568D 08	3816.55	1.814D 08	14380.00	1.857D 06
947.66	1.337D C8	1595.10	8.890D 08	3682.81	1.568D 08	3828.85	1.645D 08	15890.88	1.302D 06
949.74	2.472D C7	1648.41	8.340D 08	3683.50	1.567D 08	3835.38	9.568D 07	19843.04	5.542D 05
953.60	5.501D C8	1678.00	8.051D 08	3684.82	1.565D 08	3844.54	1.720D 08	26411.82	1.846D 05
961.00	1.165D C9	1723.39	7.624D 08	3686.13	1.561D 08	3862.03	1.792D 08	32000.00	8.733D 04
968.52	8.995D C8	1816.53	6.853D C8	3686.83	1.560D 08	3879.67	1.681D 08	34121.04	6.801D 04
972.54	4.125D C7	1920.32	6.108D 08	3687.64	1.556D 08	3889.05	9.164D 07	39024.39	4.019D 04
981.32	1.448D C9	1980.00	5.726D 08	3689.19	1.551D 08	3902.80	1.709D 08	45573.51	2.186D 04
998.42	1.652D C9	1991.74	5.655D 08	3690.73	1.536D 08	3929.14	1.718D 08	50000.00	1.518D 04
1016.12	1.546D C9	2014.39	5.520D 08	3691.55	1.534D 08	3955.84	1.650D 08	54724.75	1.064D 04
1025.72	3.987D C7	2037.56	5.386D 08	3692.52	1.527D 08	3970.07	8.869D 07	66666.67	4.882D 03
1037.82	1.613D C9	2050.00	5.316D 08	3694.35	1.524D 08	3992.20	1.627D 08	85275.25	1.844D 03

TEFS = 18000.0 LOG(G) = 3.50 X = 0.14300 Y = 0.85700

I	TAU	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.0390 04	2.2560-04	1.1260-04	3.6910-16	1.4150-01	-1.0140-01	-2.2610 02	1.0000 00	9.9350-01	1.3030-13
3	1.0000-07	9.1760 03	2.8700-03	1.0180-03	6.8490-15	7.8090-02	-1.0140-01	-2.3170 02	1.0000 00	2.4920-01	8.6490-19
5	1.0000-06	8.0950 03	5.1160-02	1.4610-02	1.5320-13	5.7090-02	-7.1840-02	-2.9780 02	9.9780-01	2.6650-04	4.8350-27
7	1.0000-05	8.8050 03	4.6610-01	1.3300-01	1.2830-12	5.8900-02	-9.3730-02	-1.8340 02	9.9660-01	6.1900-04	8.2020-25
9	1.0000-04	1.1230 04	4.2560 00	1.3520 00	8.7730-12	7.6290-02	-2.1210-01	-3.1510 01	9.9950-01	1.0910-01	1.3890-16
11	1.0000-03	1.2270 04	3.1690 01	1.0370 01	5.8960-11	1.2850-01	-2.1930-01	-1.5660 00	9.9920-01	1.4470-01	3.4210-15
13	1.3590-03	1.2000 04	4.0380 01	1.2420 01	7.9040-11	1.3310-01	-1.0660-01	5.9650 00	9.9860-01	7.4260-02	4.4720-16
15	1.8480-03	1.2430 04	5.0600 01	1.5360 01	9.3490-11	1.5570-01	-6.2730-02	-0.0860-01	9.9890-01	1.3010-01	3.9150-15
17	2.5120-03	1.2310 04	6.3470 01	1.9800 01	1.2030-10	1.6830-01	2.4810-01	4.8670 00	9.9860-01	8.9520-02	1.3770-15
19	3.4150-03	1.2220 04	7.8800 01	2.3950 01	1.5240-10	1.8650-01	5.1140-01	9.8990 00	9.9810-01	6.1900-02	5.0860-16
21	4.6420-03	1.2410 04	9.7730 01	3.0020 01	1.8510-10	2.1290-01	4.1030-01	8.2830 00	9.9810-01	7.3120-02	1.1190-15
23	6.3100-03	1.2580 04	1.2000 02	3.7180 01	2.2340-10	2.4300-01	4.6970-01	3.4830 00	9.9810-01	8.2480-02	2.0950-15
25	8.5770-03	1.2620 04	1.4720 02	4.5220 01	2.7420-10	2.7610-01	6.3980-01	4.1790 00	9.9780-01	7.3690-02	1.7940-15
27	1.1660-02	1.2730 04	1.7940 02	5.5190 01	3.3100-10	3.1580-01	9.0590-01	3.8230 00	9.9760-01	7.5360-02	2.4000-15
29	1.5850-02	1.2860 04	2.1750 02	6.7150 01	3.9670-10	3.6180-01	8.7460-01	3.6130 00	9.9740-01	7.9180-02	3.4930-15
31	2.1540-02	1.3020 04	2.6260 02	8.1670 01	4.7160-10	4.1560-01	5.5040-01	3.3160 00	9.9730-01	8.7140-02	5.9190-15
33	2.9290-02	1.3200 04	3.1560 02	9.9240 01	5.5630-10	5.5360-01	-2.9400-02	3.0120 00	9.9720-01	9.9070-02	1.1180-14
35	3.9810-02	1.3400 04	3.7790 02	1.2050 02	6.5160-10	6.4310-01	2.0890-02	2.9260 00	9.9720-01	1.3740-01	2.2980-14
37	5.4120-02	1.3630 04	4.5070 02	1.4650 02	7.5740-10	7.5240-01	6.9370-02	2.7820 00	9.9720-01	1.6770-01	1.2610-13
39	7.3560-02	1.3880 04	5.3510 02	1.7830 02	8.7210-10	8.6540-01	1.0610-01	2.5650 00	9.9740-01	2.0710-01	3.3120-13
41	1.0000-01	1.4160 04	6.3210 02	2.1720 02	9.9400-10	8.8650-01	1.0610-01	2.5650 00	9.9740-01	2.0710-01	3.3120-13
43	1.2590-01	1.4400 04	7.1380 02	2.5230 02	1.0870-09	1.0090-01	1.2160-01	2.3670 00	9.9750-01	2.4590-01	7.3260-13
45	1.5850-01	1.4660 04	8.0330 02	2.9350 02	1.1800-09	1.1560 00	1.6200-01	2.0620 00	9.9760-01	2.9410-01	1.7160-12
47	1.9950-01	1.4940 04	9.0090 02	3.4150 02	1.2700-09	1.3280 00	1.8170-01	1.7430 00	9.9780-01	3.5190-01	4.1840-12
49	2.5120-01	1.5250 04	1.0070 03	3.9740 02	1.3560-09	1.5300 00	2.0070-01	1.3320 00	9.9800-01	4.2110-01	1.0790-11
51	3.1620-01	1.5600 04	1.1220 03	4.6180 02	1.4360-09	1.7590 00	1.5870-01	8.3240-01	9.9830-01	5.0000-01	2.9050-11
53	3.9810-01	1.5980 04	1.2470 03	5.3530 02	1.5130-09	2.0090 00	1.0730-01	3.4950-01	9.9850-01	5.8580-01	8.1510-11
55	5.0120-01	1.6380 04	1.3860 03	6.1630 02	1.5940-09	2.2630 00	1.5920-01	-6.7870-02	9.9870-01	6.6910-01	2.2620-11
57	6.3100-01	1.6820 04	1.5400 03	7.0650 02	1.6810-09	2.5100 00	1.7790-01	-6.2000-01	9.9890-01	7.4720-01	6.3930-10
59	7.9430-01	1.7280 04	1.7160 03	8.0610 02	1.7870-09	2.7240 00	1.7220-01	-1.1780 00	9.9890-01	8.0990-01	1.7880-09
61	1.0000 00	1.7780 04	1.9220 03	9.1940 02	1.9130-09	2.9200 00	-1.2290-01	-1.3280 00	9.9900-01	8.6210-01	5.0400-09
63	1.2590 00	1.8330 04	2.1650 03	1.0500 03	2.0640-09	3.0950 00	-4.3120-01	-3.3100-01	9.9900-01	9.0350-01	1.4490-08
65	1.5850 00	1.8910 04	2.4560 03	1.2020 03	2.2480-09	3.2570 00	-3.0030-01	1.3270 00	9.9900-01	9.3310-01	4.0630-08
67	1.9950 00	1.9500 04	2.8040 03	1.3820 03	2.4750-09	3.4300 00	2.1440-01	1.3900 00	9.9910-01	9.5290-01	1.0620-07
69	2.5120 00	2.0120 04	3.2210 03	1.5940 03	2.7440-09	3.6070 00	5.5600-01	-5.3230-01	9.9910-01	9.6700-01	2.7340-07
71	3.1620 00	2.0780 04	3.7220 03	1.8480 03	3.0590-09	3.7890 00	3.7360-01	-3.3120 00	9.9920-01	9.7710-01	7.0470-07
73	3.9810 00	2.1530 04	4.3240 03	2.1520 03	3.4230-09	3.9610 00	-6.4150-01	-3.1990 00	9.9920-01	9.8450-01	1.9190-06
75	5.0120 00	2.2360 04	5.0530 03	2.5180 03	3.8460-09	4.1300 00	-9.1350-01	4.7120-01	9.9930-01	9.8980-01	5.3580-06
77	6.3100 00	2.3120 04	5.9290 03	2.9570 03	4.3600-09	4.3720 00	5.5320-01	2.4650 00	9.9930-01	9.9270-01	1.2670-05
79	7.9430 00	2.3870 04	6.9650 03	3.4770 03	4.9580-09	4.6580 00	6.2010-01	7.0310-01	9.9930-01	9.9460-01	2.7550-05
81	1.0000 00	2.4770 04	8.1950 03	4.0920 03	5.6190-09	4.8970 00	1.9370-03	-1.2850 00	9.9940-01	9.9620-01	6.7190-05
83	1.2590 00	2.5670 04	9.6740 03	4.8330 03	6.3500-09	5.0740 00	-1.2060 00	4.0850-01	9.9940-01	9.9700-01	1.8700-04
85	1.5850 00	2.7040 04	1.1470 04	5.7320 03	7.2010-09	5.2730 00	-5.4690-01	3.5610 00	9.9940-01	9.9730-01	5.0680-04
87	1.9950 00	2.8140 04	1.3640 04	6.8160 03	8.2230-09	5.5760 00	7.1890-01	2.1120 00	9.9940-01	9.9700-01	1.1700-03
89	2.5120 00	2.9130 04	1.6200 04	8.0990 03	9.4310-09	5.9950 00	1.1120 00	-1.7670 00	9.9940-01	9.9610-01	2.3000-03
91	3.1620 00	3.0360 04	1.9190 04	9.6060 03	1.0710-08	6.3620 00	-2.3610-01	-1.8670 00	9.9950-01	9.9360-01	5.1480-03
93	3.9810 00	3.1930 04	2.2730 04	1.1410 04	1.2030-08	6.6900 00	-6.8350-01	5.5240-01	9.9950-01	9.8540-01	1.3600-02
95	5.0120 00	3.3630 04	2.6870 04	1.3570 04	1.3420-08	7.2610 00	-2.7200-01	-4.3130-01	9.9950-01	9.6470-01	3.4560-02
97	6.3100 00	3.5240 04	3.1500 04	1.6090 04	1.4840-08	8.3130 00	-3.3220-03	8.0160-01	9.9950-01	9.2510-01	7.4230-02
99	7.9430 00	3.6910 04	3.6390 04	1.8960 04	1.6020-08	1.0050 01	1.0300-01	-7.5700-02	9.9950-01	8.5270-01	1.4670-01

TEFF = 18000.0 LOG(G) = 3.50 X = 0.14300 Y = 0.85700									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.211D 03	1061.56	1.783D 09	2050.00	5.311D 08	3696.18	1.460D 08	4034.83	1.592D 08
546.43	5.076D 03	1086.41	1.765D 09	2127.72	4.891D 08	3697.15	1.448D 08	4078.38	1.513D 08
649.38	3.865D 04	1100.00	1.743D 09	2292.47	4.133D 08	3698.31	1.455D 08	4101.73	4.127D 07
800.11	2.352D 05	1112.26	1.718D 09	2384.88	3.430D 08	3700.50	1.454D 08	4141.06	1.459D 08
911.76	5.367D 05	1136.26	1.671D 09	2600.00	3.081D 08	3702.69	1.426D 08	4217.72	1.381D 08
911.76	5.185D 05	1161.33	1.616D 09	2600.00	3.081D 08	3703.85	1.403D 08	4297.27	1.292D 08
913.07	3.999D 06	1175.00	1.584D 09	2677.27	2.939D 08	3705.25	1.423D 08	4340.46	3.007D 07
915.54	4.966D 06	1181.83	1.562D 09	2837.09	2.536D 08	3707.91	1.432D 08	4422.28	1.178D 08
918.54	6.166D 06	1194.99	1.514D 09	3017.20	2.165D 08	3710.56	1.389D 08	4586.15	1.042D 08
919.35	7.100D 06	1208.45	1.230D 09	3121.75	1.982D 08	3711.97	1.348D 08	4762.63	9.158D 07
919.63	6.896D 06	1215.57	6.068D 07	3121.76	1.992D 08	3713.69	1.393D 08	4861.32	1.826D 07
920.16	6.872D 06	1216.42	6.087D 07	3169.76	1.920D 08	3716.95	1.419D 08	4892.89	8.276D 07
920.68	7.302D 06	1217.83	2.166D 08	3264.93	1.776D 08	3720.21	1.339D 08	4953.86	8.007D 07
920.96	7.766D 06	1219.25	6.251D 08	3365.99	1.637D 08	3721.94	1.258D 08	5016.38	7.675D 07
921.34	7.917D 06	1220.00	8.177D 08	3421.87	1.566D 08	3724.08	1.360D 08	5050.00	7.502D 07
922.06	7.962D 06	1223.41	1.245D 09	3421.87	1.698D 08	3728.14	1.434D 08	5123.58	7.139D 07
922.77	7.818D 06	1229.92	1.406D 09	3458.74	1.645D 08	3732.22	1.306D 08	5269.12	6.484D 07
923.15	8.062D 06	1236.50	1.431D 09	3530.87	1.548D 08	3734.37	1.144D 08	5423.16	5.870D 07
923.68	8.397D 06	1240.00	1.432D 09	3606.08	1.453D 08	3737.09	1.348D 08	5508.11	5.563D 07
924.69	9.293D 06	1249.96	1.424D 09	3647.05	1.407D 08	3742.24	1.482D 08	5665.32	5.047D 07
925.69	9.241D 06	1269.29	1.393D 09	3647.05	1.342D 08	3747.42	1.275D 08	5989.38	4.158D 07
926.22	9.380D 06	1289.23	1.357D 09	3649.67	1.339D 08	3750.15	9.826D 07	6352.76	3.382D 07
927.00	9.550D 06	1300.00	1.338D 09	3654.64	1.339D 08	3753.67	1.344D 08	6562.80	7.500D 06
928.48	1.328D 07	1316.23	1.307D 09	3659.62	1.348D 08	3760.36	1.571D 08	6797.77	2.665D 07
929.96	1.053D 07	1348.15	1.252D 09	3682.26	1.356D 08	3767.08	1.310D 08	7292.74	2.078D 07
930.75	1.080D 07	1381.65	1.196D 09	3685.27	1.368D 08	3770.63	8.606D 07	7865.45	1.588D 07
931.96	1.218D 07	1400.00	1.167D 09	3670.98	1.397D 08	3775.31	1.406D 08	8205.87	1.397D 07
934.26	2.908D 07	1419.35	1.135D 09	3676.71	1.426D 08	3784.22	1.674D 08	8862.47	1.134D 07
936.58	1.526D 07	1457.53	1.078D 09	3679.74	1.438D 08	3793.16	1.368D 08	10448.64	5.146D 06
937.80	1.305D 07	1497.83	1.023D 09	3680.27	1.467D 08	3797.90	7.546D 07	12726.36	2.929D 06
939.84	3.083D 07	1520.00	9.948D 08	3681.28	1.471D 08	3804.32	1.491D 08	14380.00	1.845D 06
943.74	1.710D 08	1545.12	9.613D 08	3682.28	1.473D 08	3816.55	1.750D 08	15890.88	1.293D 06
947.56	3.966D 07	1595.10	9.020D 08	3682.81	1.473D 08	3828.85	1.499D 08	19843.04	5.503D 05
949.74	1.469D 07	1648.41	8.437D 08	3683.50	1.477D 08	3835.38	6.871D 07	26411.82	1.831D 05
953.60	2.213D 08	1678.00	8.133D 08	3684.82	1.481D 08	3844.54	1.618D 08	32000.00	8.650D 04
961.00	8.577D 08	1723.39	7.687D 08	3686.13	1.481D 08	3862.03	1.767D 08	34121.04	6.737D 04
968.52	4.986D 08	1816.53	6.887D 08	3686.83	1.479D 08	3879.67	1.588D 08	39024.39	3.978D 04
972.54	2.104D 07	1920.32	6.118D 08	3687.64	1.482D 08	3889.05	5.969D 07	45573.51	2.164D 04
981.32	1.260D 09	1980.00	5.726D 08	3689.19	1.484D 08	3902.80	1.662D 08	50000.00	1.503D 04
998.42	1.658D 09	1991.74	5.656D 08	3690.73	1.478D 08	3929.14	1.716D 08	54724.75	1.050D 04
1016.12	1.426D 09	2014.39	5.519D 08	3691.55	1.474D 08	3955.84	1.615D 08	66666.67	4.820D 03
1025.72	2.410D 07	2037.56	5.382D 08	3692.52	1.476D 08	3970.07	5.224D 07	85275.25	1.823D 03
1037.82	1.587D 09	2050.00	5.311D 08	3694.35	1.475D 08	3992.20	1.619D 08		

TEFF = 18000.0 LOG(G) = 4.00 X = 0.14300 Y = 0.85700

I	TAJ	TE	PG	PE	RHO	KAPZ	DF(%)	D	TE	XH2	XHE2	XHE3
1	1.0000-09	1.138D 04	7.165D-04	3.581D-04	1.069D-15	1.419D-01	-4.578D-02	-2.605D 01	1.000D 00	9.985D-01	9.985D-01	1.037D-11
3	1.0000-07	1.138D 04	7.066D-03	3.517D-03	1.058D-14	1.408D-01	-4.578D-02	-2.648D 01	1.000D 00	9.985D-01	9.985D-01	1.018D-12
5	1.0000-06	1.133D 04	7.332D-02	3.503D-02	1.147D-13	1.305D-01	-4.578D-02	-3.064D 01	1.000D 00	8.582D-01	8.582D-01	7.098D-14
7	1.0000-05	1.107D 04	1.007D 00	3.545D-01	1.998D-12	8.051D-02	-5.108D-02	-2.596D 01	9.998D-01	2.391D-01	2.391D-01	5.047D-16
9	1.0000-04	1.130D 04	1.248D 01	3.748D 00	2.622D-11	8.636D-02	-4.572D-02	-1.038D 01	9.989D-01	4.920D-02	4.920D-02	3.155D-17
11	1.0000-03	1.195D 04	7.779D 01	2.388D 01	1.553D 01	1.849D-01	-3.865D-02	-2.453D 01	9.974D-01	3.748D-02	3.748D-02	9.782D-17
13	1.359D-03	1.201D 04	9.589D 01	2.386D 01	1.907D-10	2.099D-01	-3.092D-02	-9.487D 00	9.971D-01	3.490D-02	3.490D-02	9.782D-17
15	1.848D-03	1.208D 04	1.175D 02	3.469D 01	2.326D-10	2.391D-01	-8.526D-03	-4.929D 01	9.967D-01	3.302D-02	3.302D-02	1.023D-16
17	2.512D-03	1.212D 04	1.432D 02	4.212D 02	2.829D-10	2.735D-01	-2.129D-02	-1.779D 01	9.963D-01	2.981D-02	2.981D-02	9.155D-17
19	3.415D-03	1.219D 04	1.737D 02	5.101D 01	3.417D-10	3.131D-01	-2.670D-02	-1.662D 01	9.959D-01	2.838D-02	2.838D-02	9.669D-17
21	4.642D-03	1.228D 04	2.099D 02	6.163D 01	4.098D-10	3.580D-01	-1.973D-02	-1.348D 01	9.956D-01	2.846D-02	2.846D-02	1.200D-16
23	6.310D-03	1.239D 04	2.529D 02	7.435D 01	4.890D-10	4.090D-01	-2.386D-02	-1.125D 01	9.954D-01	2.983D-02	2.983D-02	1.711D-16
25	8.577D-03	1.253D 04	3.041D 02	8.966D 01	5.805D-10	4.668D-01	-9.845D-02	-7.867D 00	9.954D-01	3.286D-02	3.286D-02	2.848D-16
27	1.166D-02	1.269D 04	3.650D 02	1.081D 02	6.866D-10	5.328D-01	-2.735D-01	-6.082D 00	9.953D-01	3.739D-02	3.739D-02	5.263D-16
29	1.585D-02	1.287D 04	4.373D 02	1.363D 02	8.094D-10	6.085D-01	-3.583D-01	-4.155D 00	9.952D-01	4.338D-02	4.338D-02	1.034D-15
31	2.154D-02	1.305D 04	5.232D 02	1.570D 02	9.520D-10	6.965D-01	-2.033D-01	-2.203D 00	9.951D-01	5.058D-02	5.058D-02	2.070D-15
33	2.929D-02	1.324D 04	6.250D 02	1.890D 02	1.118D-09	7.989D-01	-2.494D-02	-7.434D-01	9.951D-01	5.859D-02	5.859D-02	4.060D-15
35	3.981D-02	1.340D 04	7.453D 02	2.276D 02	1.307D-09	9.181D-01	-4.091D-02	4.974D-01	9.951D-01	6.888D-02	6.888D-02	8.375D-15
37	5.412D-02	1.365D 04	8.873D 02	2.741D 02	1.524D-09	1.058D 00	-3.854D-02	1.241D 00	9.951D-01	8.128D-02	8.128D-02	1.755D-14
39	7.356D-02	1.387D 04	1.054D 03	3.310D 02	1.766D-09	1.224D 00	-1.202D-02	1.805D 00	9.952D-01	9.917D-02	9.917D-02	4.142D-14
41	1.000D-01	1.416D 04	1.249D 03	4.010D 02	2.030D-09	1.425D 00	-2.633D-03	1.044D 00	9.955D-01	1.244D-01	1.244D-01	1.085D-13
43	1.259D-01	1.439D 04	1.415D 03	4.639D 02	2.242D-09	1.605D 00	-2.009D-02	8.336D-01	9.957D-01	1.489D-01	1.489D-01	2.345D-13
45	1.585D-01	1.464D 04	1.599D 03	5.380D 02	2.461D-09	1.820D 00	-8.491D-02	1.556D 00	9.960D-01	1.804D-01	1.804D-01	5.366D-13
47	1.995D-01	1.491D 04	1.803D 03	6.253D 02	2.681D-09	2.076D 00	-1.215D-01	2.471D 00	9.963D-01	2.202D-01	2.202D-01	1.292D-12
49	2.512D-01	1.522D 04	2.027D 03	7.306D 02	2.891D-09	2.392D 00	-1.709D-01	2.049D 00	9.967D-01	2.742D-01	2.742D-01	3.877D-12
51	3.162D-01	1.559D 04	2.269D 03	8.572D 02	3.074D-09	2.782D 00	-1.389D-01	-3.927D-01	9.971D-01	3.467D-01	3.467D-01	1.053D-11
53	3.981D-01	1.597D 04	2.530D 03	1.002D 03	3.245D-09	3.229D 00	-6.203D-02	-1.940D 00	9.975D-01	4.283D-01	4.283D-01	3.132D-11
55	5.012D-01	1.637D 04	2.813D 03	1.658D 03	3.416D-09	3.715D 00	-2.314D-02	-1.984D 00	9.978D-01	5.129D-01	5.129D-01	8.871D-11
57	6.310D-01	1.679D 04	3.122D 03	1.348D 03	3.586D-09	4.232D 00	-2.314D-02	-1.652D 00	9.981D-01	6.005D-01	6.005D-01	2.524D-10
59	7.943D-01	1.724D 04	3.466D 03	1.549D 03	3.771D-09	4.730D 00	-1.033D-01	-8.950D-01	9.981D-01	6.819D-01	6.819D-01	7.180D-10
61	1.000D 00	1.773D 04	3.855D 03	1.775D 03	3.980D-09	5.207D 00	-2.313D-01	4.559D-02	9.982D-01	7.571D-01	7.571D-01	2.063D-09
63	1.259D 00	1.827D 04	4.304D 03	2.030D 03	4.224D-09	5.638D 00	-3.916D-01	7.311D-01	9.983D-01	8.220D-01	8.220D-01	5.978D-09
65	1.595D 00	1.884D 04	4.829D 03	2.318D 03	4.524D-09	6.023D 00	-1.060D-01	1.554D 00	9.984D-01	8.730D-01	8.730D-01	1.596D-08
67	1.995D 00	1.942D 04	5.451D 03	2.649D 03	4.897D-09	6.382D 00	-2.677D-01	1.044D 00	9.984D-01	9.097D-01	9.097D-01	4.554D-08
69	2.512D 00	2.004D 04	6.194D 03	3.036D 03	5.345D-09	6.715D 00	-1.427D-01	-5.973D-02	9.985D-01	9.371D-01	9.371D-01	1.225D-07
71	3.162D 00	2.072D 04	7.085D 03	3.495D 03	5.879D-09	7.040D 00	-1.130D-01	-7.690D-01	9.986D-01	9.568D-01	9.568D-01	3.295D-07
73	3.981D 00	2.145D 04	8.158D 03	4.042D 03	6.512D-09	7.360D 00	-6.397D-01	5.226D-02	9.988D-01	9.707D-01	9.707D-01	8.995D-07
75	5.012D 00	2.222D 04	9.453D 03	4.697D 03	7.262D-09	7.698D 00	-4.035D-01	2.109D 00	9.989D-01	9.801D-01	9.801D-01	2.352D-06
77	6.310D 00	2.297D 04	1.101D 04	5.478D 03	8.167D-09	8.131D 00	-9.570D-01	1.538D 00	9.989D-01	9.858D-01	9.858D-01	1.262D-06
79	7.943D 00	2.374D 04	1.285D 04	6.406D 03	9.216D-09	8.603D 00	-6.876D-01	-2.399D 00	9.990D-01	9.898D-01	9.898D-01	3.206D-05
81	1.790D 01	2.466D 04	1.506D 04	7.514D 03	1.039D-08	9.000D 00	-3.361D-01	-4.725D 00	9.991D-01	9.930D-01	9.930D-01	8.500D-05
83	1.259D 01	2.570D 04	1.773D 04	8.849D 03	1.172D-08	9.365D 00	-1.284D 00	-3.701D-01	9.992D-01	9.949D-01	9.949D-01	3.206D-05
85	1.585D 01	2.678D 04	2.095D 04	1.046D 04	1.329D-08	9.790D 00	-5.382D-01	5.847D 00	9.992D-01	9.958D-01	9.958D-01	2.147D-04
87	1.995D 01	2.785D 04	2.481D 04	1.239D 04	1.513D-08	1.033D 01	-7.269D-01	5.512D 00	9.992D-01	9.962D-01	9.962D-01	4.946D-04
89	2.512D 01	2.892D 04	2.940D 04	1.465D 04	1.726D-08	1.097D 01	-1.280D 00	-3.275D 00	9.992D-01	9.962D-01	9.962D-01	1.062D-03
91	3.162D 01	3.017D 04	3.484D 04	1.742D 04	1.960D-08	1.157D 01	-1.421D-01	-6.902D 00	9.992D-01	9.954D-01	9.954D-01	2.456D-03
93	3.981D 01	3.166D 04	4.135D 04	2.070D 04	2.210D-08	1.210D 01	-9.153D-01	-1.873D 00	9.992D-01	9.921D-01	9.921D-01	6.247D-03
95	5.012D 01	3.328D 04	4.911D 04	2.466D 04	2.493D-08	1.284D 01	-3.237D-01	3.633D 00	9.993D-01	9.833D-01	9.833D-01	1.550D-02
97	6.310D 01	3.488D 04	5.815D 04	2.936D 04	2.801D-08	1.408D 01	-3.768D-01	1.321D 00	9.993D-01	9.647D-01	9.647D-01	3.825D-02
99	7.943D 01	3.652D 04	6.828D 04	3.484D 04	3.107D-08	1.606D 01	-1.188D-01	-5.134D-01	9.993D-01	9.284D-01	9.284D-01	7.060D-02

TEFF = 18000.0 LOG(G) = 4.00 X = 0.14300 Y = 0.85700									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	9.817D 02	1061.56	1.828D 09	2050.00	5.357D 08	3696.18	1.410D 08	4034.83	1.588D 08
546.43	3.834D 03	1086.41	1.835D 09	2127.72	4.927D 08	3697.15	1.410D 08	4078.38	1.487D 08
649.38	4.835D 04	1100.00	1.818D 09	2292.47	4.154D 08	3698.31	1.409D 08	4101.73	6.995D 07
800.11	5.285D 05	1112.26	1.794D 09	2484.88	3.438D 08	3700.50	1.408D 08	4141.06	1.454D 08
911.76	1.738D 06	1136.26	1.744D 09	2600.00	3.083D 08	3702.69	1.395D 08	4217.72	1.363D 08
911.76	1.710D 06	1161.33	1.684D 09	2600.00	3.083D 08	3703.85	1.394D 08	4297.27	1.289D 08
913.07	2.813D 06	1175.00	1.644D 09	2677.27	2.925D 08	3705.25	1.393D 08	4340.46	6.215D 07
915.54	3.301D 06	1181.83	1.617D 09	2837.09	2.523D 08	3707.91	1.394D 08	4422.28	1.179D 08
918.03	3.998D 06	1194.99	1.541D 09	3017.20	2.151D 08	3710.56	1.371D 08	4586.15	1.043D 08
919.35	4.374D 06	1208.45	1.025D 09	3121.75	1.967D 08	3711.97	1.365D 08	4762.63	9.154D 07
919.63	4.454D 06	1215.67	4.419D 07	3121.76	1.980D 08	3713.69	1.370D 08	4861.32	4.581D 07
920.16	4.504D 06	1216.42	4.433D 07	3169.76	1.902D 08	3716.95	1.377D 08	4892.89	8.193D 07
920.68	4.749D 06	1217.83	1.063D 08	3264.93	1.758D 08	3720.21	1.331D 08	4953.86	7.999D 07
920.96	4.874D 06	1219.25	3.309D 08	3365.99	1.620D 08	3721.94	1.314D 08	5016.38	7.672D 07
921.34	4.982D 06	1220.00	4.967D 08	3421.87	1.550D 08	3724.08	1.338D 08	5050.00	7.499D 07
922.06	5.005D 06	1223.41	1.072D 09	3421.87	1.643D 08	3728.14	1.369D 08	5123.58	7.137D 07
922.77	5.339D 06	1229.92	1.389D 09	3458.74	1.592D 08	3732.22	1.287D 08	5269.12	6.480D 07
923.15	5.468D 06	1236.50	1.455D 09	3530.87	1.500D 08	3734.37	1.241D 08	5423.16	5.864D 07
923.68	5.594D 06	1240.00	1.466D 09	3600.08	1.411D 08	3737.09	1.310D 08	5508.11	5.556D 07
924.69	6.330D 06	1249.96	1.469D 09	3647.05	1.365D 08	3742.24	1.381D 08	5665.32	5.038D 07
925.69	6.243D 06	1269.29	1.442D 09	3647.05	1.300D 08	3747.42	1.234D 08	5989.38	4.149D 07
926.22	6.401D 06	1289.23	1.405D 09	3649.67	1.297D 08	3750.15	1.121D 08	6352.76	3.373D 07
927.00	6.562D 06	1300.00	1.384D 09	3654.64	1.295D 08	3753.67	1.283D 08	6562.80	1.963D 07
928.48	8.967D 06	1316.23	1.351D 09	3659.62	1.300D 08	3760.36	1.441D 08	6797.77	2.657D 07
929.96	7.055D 06	1348.15	1.292D 09	3662.26	1.304D 08	3767.08	1.231D 08	7292.74	2.071D 07
930.75	7.133D 06	1381.65	1.232D 09	3665.27	1.312D 08	3770.63	1.015D 08	7865.45	1.582D 07
931.96	8.276D 06	1400.00	1.201D 09	3670.98	1.330D 08	3775.31	1.308D 08	8205.87	1.381D 07
934.26	1.570D 07	1419.35	1.167D 09	3676.71	1.352D 08	3784.22	1.539D 08	8205.87	1.345D 07
936.58	1.010D 07	1457.53	1.107D 09	3679.74	1.364D 08	3793.16	1.249D 08	8862.47	1.130D 07
937.80	8.902D 06	1497.83	1.047D 09	3680.27	1.380D 08	3797.90	9.017D 07	10448.64	6.120D 06
939.84	1.655D 07	1520.00	1.018D 09	3681.28	1.384D 08	3804.32	1.357D 08	12726.36	2.915D 06
943.74	5.799D 07	1545.12	9.827D 08	3682.28	1.388D 08	3816.55	1.647D 08	14380.00	1.835D 06
947.66	1.972D 07	1595.10	9.202D 08	3682.81	1.390D 08	3828.85	1.353D 08	15890.88	1.286D 06
949.74	9.921D 06	1648.41	8.590D 08	3683.50	1.392D 08	3835.38	8.455D 07	19843.04	5.467D 05
953.60	7.259D 07	1678.00	8.273D 08	3684.82	1.396D 08	3844.54	1.485D 08	26411.82	1.817D 05
961.00	5.131D 08	1723.39	7.812D 08	3685.13	1.400D 08	3862.03	1.710D 08	32000.00	8.578D 04
968.52	2.009D 08	1816.53	6.978D 08	3686.83	1.402D 08	3879.67	1.458D 08	34121.04	6.669D 04
972.54	1.392D 07	1920.32	6.186D 08	3687.64	1.404D 08	3889.05	7.919D 07	39024.39	3.933D 04
981.32	9.315D 08	1980.00	5.783D 08	3689.19	1.408D 08	3902.80	1.577D 08	45573.51	2.133D 04
998.42	1.552D 09	1991.74	5.711D 08	3690.73	1.409D 08	3929.14	1.694D 08	50000.00	1.479D 04
1016.12	1.133D 09	2014.39	5.570D 08	3691.55	1.411D 08	3955.84	1.549D 07	54724.75	1.035D 04
1025.72	1.679D 07	2037.56	5.430D 08	3692.52	1.412D 08	3970.07	7.575D 07	66666.67	4.730D 03
1037.82	1.413D 09	2050.00	5.357D 08	3694.35	1.414D 08	3992.20	1.588D 08	85275.25	1.779D 03

TEFF = 18000.0 LOG(G) = 4.50 X = 0.14300 Y = 0.85700											
I	TAJ	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.126D 04	2.273D-03	1.134D-03	3.433D-15	1.415D-01	-1.394D-01	-5.108D 02	1.000D 00	9.936D-01	1.713D-12
3	1.0000-07	1.123D 04	2.271D-02	1.114D-02	3.495D-14	1.369D-01	-1.394D-01	-6.096D 02	1.000D 00	9.374D-01	1.471D-13
5	1.0000-06	1.104D 04	2.701D-01	1.102D-01	4.912D-13	9.928D-02	-2.293D-01	-5.992D 02	9.999D-01	4.826D-01	2.766D-15
7	1.0000-05	1.089D 04	4.153D 00	1.251D 00	9.045D-12	7.098D-02	-6.939D-02	-1.345D 02	9.993D-01	5.181D-02	1.107D-17
9	1.0000-04	1.132D 04	3.366D 01	9.814D 00	7.146D-11	1.215D-01	-3.352D-01	-1.998D 00	9.974D-01	2.065D-02	5.797D-18
11	1.0000-03	1.176D 04	1.626D 02	4.688D 01	3.339D-10	3.157D-01	-3.877D-01	5.443D 00	9.935D-01	1.228D-02	6.357D-18
13	1.359D-03	1.181D 04	1.960D 02	5.642D 01	4.007D-10	4.159D-01	-2.099D-01	6.220D 00	9.927D-01	1.155D-02	6.438D-18
15	1.848D-03	1.188D 04	2.355D 02	6.774D 01	4.789D-10	4.758D-01	-1.363D-01	6.488D 00	9.917D-01	1.146D-02	9.373D-18
17	2.512D-03	1.197D 04	2.824D 02	8.122D 01	5.699D-10	5.425D-01	-1.333D-01	6.550D 00	9.915D-01	1.234D-02	1.836D-17
19	3.415D-03	1.209D 04	3.381D 02	9.733D 01	6.755D-10	6.176D-01	-1.333D-01	6.490D 00	9.914D-01	1.374D-02	2.456D-17
21	4.642D-03	1.223D 04	4.046D 02	1.166D 02	7.989D-10	7.005D-01	-6.604D-02	6.224D 00	9.917D-01	1.630D-02	5.119D-17
23	6.310D-03	1.240D 04	4.840D 02	1.399D 02	9.416D-10	7.970D-01	1.432D-01	6.251D 00	9.919D-01	1.912D-02	1.029D-16
25	8.577D-03	1.257D 04	5.791D 02	1.679D 02	1.110D-09	9.079D-01	5.588D-01	6.065D 00	9.918D-01	2.244D-02	2.075D-16
27	1.166D-02	1.274D 04	6.926D 02	2.015D 02	1.307D-09	1.035D 00	9.335D-01	5.654D 00	9.918D-01	2.668D-02	4.361D-16
29	1.585D-02	1.293D 04	8.280D 02	2.420D 02	1.538D-09	1.183D 00	7.565D-01	5.159D 00	9.918D-01	3.135D-02	8.848D-16
31	2.154D-02	1.312D 04	9.890D 02	2.905D 02	1.807D-09	1.354D 00	2.968D-01	4.664D 00	9.917D-01	3.658D-02	1.757D-15
33	2.929D-02	1.330D 04	1.180D 03	3.485D 02	2.121D-09	1.522D 00	5.910D-02	4.379D 00	9.918D-01	4.293D-02	3.556D-15
35	3.981D-02	1.350D 04	1.407D 03	4.181D 02	2.486D-09	1.522D 00	3.826D-02	4.315D 00	9.919D-01	5.041D-02	7.228D-15
37	5.412D-02	1.370D 04	1.676D 03	5.018D 02	2.907D-09	1.781D 00	4.947D-02	4.153D 00	9.921D-01	6.099D-02	1.625D-14
39	7.356D-02	1.393D 04	1.993D 03	6.029D 02	3.385D-09	2.047D 00	4.947D-02	3.921D 00	9.926D-01	7.660D-02	4.156D-14
41	1.0000-01	1.420D 04	2.368D 03	7.272D 02	3.920D-09	2.360D 00	4.610D-02	3.921D 00	9.930D-01	9.250D-02	8.983D-14
43	1.259D-01	1.442D 04	2.691D 03	8.390D 02	4.357D-09	2.635D 00	6.284D-02	3.779D 00	9.930D-01	1.133D-01	2.054D-13
45	1.585D-01	1.467D 04	3.055D 03	9.704D 02	4.821D-09	2.956D 00	1.142D-01	3.618D 00	9.935D-01	1.409D-01	5.031D-13
47	1.995D-01	1.494D 04	3.461D 03	1.126D 03	5.303D-09	3.336D 00	1.404D-01	3.474D 00	9.940D-01	1.780D-01	1.333D-12
49	2.512D-01	1.524D 04	3.911D 03	1.312D 03	5.785D-09	3.798D 00	1.735D-01	3.071D 00	9.951D-01	2.305D-01	4.001D-12
51	3.162D-01	1.560D 04	4.403D 03	1.538D 03	6.234D-09	4.372D 00	1.235D-01	2.241D 00	9.957D-01	2.943D-01	1.200D-11
53	3.981D-01	1.570D 04	4.940D 03	1.804D 03	6.662D-09	5.066D 00	1.906D-02	1.657D 00	9.962D-01	3.677D-01	3.521D-11
55	5.012D-01	1.637D 04	5.522D 03	2.112D 03	7.070D-09	5.878D 00	-7.436D-03	1.480D 00	9.967D-01	4.511D-01	1.039D-10
57	6.310D-01	1.679D 04	6.153D 03	2.468D 03	7.449D-09	5.808D 00	-3.746D-02	1.387D 00	9.968D-01	5.373D-01	3.043D-10
59	7.343D-01	1.724D 04	6.842D 03	2.867D 03	7.824D-09	7.784D 00	-1.155D-01	1.623D 00	9.969D-01	6.255D-01	8.973D-10
61	1.0000 00	1.773D 04	7.603D 03	3.318D 03	8.203D-09	8.805D 00	-1.814D-01	2.029D 00	9.971D-01	7.108D-01	2.680D-09
63	1.259D 00	1.826D 04	8.454D 03	3.823D 03	8.607D-09	9.802D 00	-3.562D-01	2.578D 00	9.973D-01	7.855D-01	7.888D-09
65	1.585D 00	1.882D 04	9.423D 03	4.385D 03	9.082D-09	1.072D 01	-2.426D-01	3.754D 00	9.975D-01	8.433D-01	2.172D-08
67	1.995D 00	1.940D 04	1.055D 04	5.012D 03	9.684D-09	1.154D 01	1.351D-01	3.903D 00	9.977D-01	8.887D-01	5.939D-08
69	2.512D 00	2.002D 04	1.187D 04	5.729D 03	1.041D-08	1.227D 01	1.171D-01	2.985D 00	9.978D-01	9.223D-01	1.599D-07
71	3.162D 00	2.068D 04	1.345D 04	6.561D 03	1.130D-08	1.294D 01	4.327D-02	2.198D 00	9.981D-01	9.469D-01	4.345D-07
73	3.981D 00	2.140D 04	1.534D 04	7.543D 03	1.236D-08	1.356D 01	-5.344D-01	2.266D 00	9.982D-01	9.642D-01	1.178D-06
75	5.012D 00	2.218D 04	1.762D 04	8.710D 03	1.363D-08	1.415D 01	-5.654D-01	3.727D 00	9.982D-01	9.747D-01	2.836D-06
77	6.310D 00	2.303D 04	2.036D 04	1.010D 04	1.518D-08	1.489D 01	6.258D-01	4.054D 00	9.985D-01	9.817D-01	6.500D-06
79	7.343D 00	2.370D 04	2.363D 04	1.175D 04	1.701D-08	1.572D 01	5.444D-01	2.057D 00	9.987D-01	9.874D-01	1.642D-05
81	1.0000 01	2.461D 04	2.754D 04	1.372D 04	1.907D-08	1.643D 01	-1.374D-01	-3.012D-01	9.988D-01	9.910D-01	4.394D-05
83	1.259D 01	2.564D 04	3.228D 04	1.609D 04	2.142D-08	1.705D 01	-1.007D 00	9.846D-01	9.988D-01	9.929D-01	1.129D-04
85	1.585D 01	2.673D 04	3.802D 04	1.897D 04	2.419D-08	1.777D 01	-4.525D-01	3.794D 00	9.988D-01	9.942D-01	2.608D-04
87	1.995D 01	2.780D 04	4.492D 04	2.242D 04	2.747D-08	1.872D 01	5.199D-01	3.990D 00	9.989D-01	9.949D-01	5.562D-04
89	2.512D 01	2.885D 04	5.313D 04	2.653D 04	3.129D-08	1.987D 01	9.730D-01	-1.131D 00	9.989D-01	9.952D-01	1.274D-03
91	3.162D 01	3.008D 04	6.288D 04	3.141D 04	3.550D-08	2.093D 01	-2.338D-01	-2.081D 00	9.990D-01	9.942D-01	3.261D-03
93	3.981D 01	3.157D 04	7.460D 04	3.730D 04	4.008D-08	2.178D 01	-6.403D-01	4.213D-01	9.990D-01	9.901D-01	8.074D-03
95	5.012D 01	3.317D 04	8.871D 04	4.443D 04	4.530D-08	2.287D 01	-2.418D-01	2.722D 00	9.990D-01	9.806D-01	1.781D-02
97	6.310D 01	3.474D 04	1.054D 05	5.295D 04	5.124D-08	2.459D 01	4.082D-01	1.531D 00	9.990D-01	9.755D-02	3.755D-02
99	7.343D 01	3.639D 04	1.247D 05	6.301D 04	5.753D-08	2.708D 01	4.826D-02	-4.026D-02	9.990D-01		



TEFF = 18000.0 LOG(G) = 4.50 X = 0.14300 Y = 0.85700									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	6.292D 02	1061.56	1.823D 09	2050.00	5.466D 08	3696.18	1.365D 08	4034.83	1.580D 08
546.43	2.595D 03	1086.41	1.878D 09	2127.72	5.022D 08	3697.15	1.364D 08	4078.38	1.446D 08
649.38	3.560D 04	1100.00	1.871D 09	2292.47	4.222D 08	3698.31	1.367D 08	4101.73	4.844D 07
800.11	4.198D 05	1112.26	1.853D 09	2484.88	3.485D 08	3700.50	1.365D 08	4141.06	1.443D 08
911.76	1.419D 06	1135.26	1.806D 09	2600.00	3.122D 08	3702.69	1.367D 08	4217.72	1.387D 08
911.76	1.396D 06	1161.33	1.741D 09	2603.00	3.122D 08	3703.85	1.364D 08	4297.27	1.285D 08
913.07	2.110D 06	1175.00	1.692D 09	2677.27	2.949D 08	3705.25	1.368D 08	4340.46	4.137D 07
915.54	2.416D 06	1181.83	1.657D 09	2837.09	2.540D 08	3707.91	1.370D 08	4422.28	1.182D 08
918.03	2.888D 06	1194.99	1.534D 09	3017.20	2.163D 08	3710.56	1.360D 08	4586.15	1.047D 08
919.35	3.140D 06	1208.45	7.470D 08	3121.75	1.978D 08	3711.97	1.352D 08	4762.63	9.174D 07
919.63	3.197D 06	1215.67	3.490D 07	3121.76	1.987D 08	3713.97	1.359D 08	4861.32	3.140D 07
920.16	3.228D 06	1216.42	3.500D 07	3169.76	1.908D 08	3716.95	1.361D 08	4892.89	8.086D 07
920.69	3.415D 06	1217.83	7.194D 07	3264.93	1.764D 08	3720.21	1.337D 08	4953.86	8.015D 07
920.96	3.511D 06	1219.25	1.684D 08	3365.99	1.625D 08	3721.94	1.317D 08	5016.38	7.696D 07
921.34	3.593D 06	1220.00	2.640D 08	3421.87	1.554D 08	3724.08	1.339D 08	5050.00	7.525D 07
922.06	3.603D 06	1223.41	8.152D 08	3421.87	1.620D 08	3728.14	1.349D 08	5123.58	7.162D 07
922.77	3.838D 06	1229.92	1.318D 09	3458.74	1.571D 08	3732.22	1.302D 08	5269.12	6.502D 07
923.15	3.960D 06	1236.50	1.452D 09	3530.87	1.481D 08	3734.37	1.257D 08	5423.16	5.884D 07
923.68	4.056D 06	1240.00	1.480D 09	3606.08	1.393D 08	3737.09	1.311D 08	5508.11	5.574D 07
924.69	4.626D 06	1249.96	1.506D 09	3647.05	1.349D 08	3742.24	1.338D 08	5665.32	5.054D 07
925.69	4.551D 06	1269.29	1.490D 09	3647.05	1.286D 08	3747.42	1.241D 08	5989.38	4.161D 07
926.22	4.671D 06	1289.23	1.455D 09	3647.05	1.283D 08	3750.15	1.134D 08	6352.76	3.381D 07
927.00	4.798D 06	1300.00	1.434D 09	3654.64	1.280D 08	3753.67	1.270D 08	6562.80	1.521D 07
928.48	6.724D 06	1316.23	1.401D 09	3659.62	1.281D 08	3760.36	1.359D 08	6797.77	2.663D 07
929.96	5.173D 06	1348.15	1.338D 09	3662.26	1.283D 08	3767.08	1.208D 08	7292.74	2.076D 07
930.75	5.276D 06	1381.65	1.275D 09	3665.27	1.287D 08	3770.63	9.983D 07	7865.45	1.585D 07
931.96	6.123D 06	1400.00	1.242D 09	3670.98	1.298D 08	3775.31	1.264D 08	8205.87	1.377D 07
934.26	1.143D 07	1419.35	1.207D 09	3676.71	1.313D 08	3784.22	1.425D 08	8205.87	1.346D 07
936.58	7.527D 06	1457.53	1.143D 09	3679.74	1.321D 08	3793.16	1.187D 08	8862.47	1.131D 07
937.80	6.588D 07	1497.83	1.081D 09	3680.27	1.330D 08	3797.90	8.250D 07	10448.64	6.127D 06
939.84	1.200D 07	1520.00	1.050D 09	3681.28	1.333D 08	3804.32	1.274D 08	12726.36	2.917D 06
943.74	2.805D 07	1545.12	1.013D 09	3682.28	1.336D 08	3816.55	1.534D 08	14380.00	1.837D 06
947.66	1.394D 07	1595.10	9.473D 08	3682.81	1.337D 08	3828.85	1.248D 08	15890.88	1.286D 06
949.74	7.347D 06	1648.41	8.833D 08	3683.50	1.339D 08	3835.38	7.128D 07	19843.04	5.469D 05
953.60	3.323D 07	1678.00	8.500D 08	3684.82	1.343D 08	3844.54	1.369D 08	26411.82	1.817D 05
961.00	2.503D 08	1723.39	8.019D 08	3686.13	1.346D 08	3862.03	1.633D 08	32000.00	8.565D 04
968.52	7.650D 07	1816.53	7.150D 08	3686.83	1.348D 08	3879.67	1.333D 08	34121.04	6.657D 04
972.54	1.040D 07	1920.32	6.325D 08	3687.64	1.350D 08	3889.05	6.144D 07	39024.39	3.921D 04
981.32	5.748D 08	1980.00	5.907D 08	3688.19	1.354D 08	3902.80	1.472D 08	45573.51	2.123D 04
998.42	1.328D 09	1991.74	5.833D 08	3690.73	1.356D 08	3929.14	1.659D 08	50000.00	1.471D 04
1016.12	7.640D 08	2014.39	5.686D 08	3691.55	1.358D 08	3955.84	1.457D 08	54724.75	1.028D 04
1025.72	1.266D 07	2037.56	5.542D 08	3692.52	1.360D 08	3970.07	5.519D 07	56666.67	4.688D 03
1037.82	1.114D 09	2050.00	5.466D 08	3694.35	1.364D 08	3992.20	1.541D 08	85275.25	1.758D 03

TEFF = 18000.0 LOG(g) = 2.50 X = 0.66667 Y = 0.33333												
I	TAU	TE	PG	PE	RHO	KAPZ	D F (%)	CH2	XHE2	XHE3		
1	1.0000-08	1.1280 04	8.8330-06	4.4160-06	6.3260-18	2.9810-01	3.3180-01	1.3850 01	1.0000 00	1.0000 00	5.1050D-10	
3	1.0000-07	1.1280 04	8.6430-05	4.3210-05	6.1900-17	2.9810-01	3.3180-01	1.3880 01	1.0000 00	1.0000 00	5.2160D-11	
5	1.0000-06	1.1280 04	8.6240-04	4.3120-04	6.1780-16	2.9810-01	3.3180-01	1.4270 01	1.0000 00	1.0000 00	5.2100D-12	
7	1.0000-05	1.1280 04	8.6310-03	4.3100-03	6.1910-15	2.9750-01	3.3180-01	1.8370 01	1.0000 00	1.0000 00	5.0520D-13	
9	1.0000-04	1.1350 04	8.6970-02	4.3080-02	6.2510-14	2.9410-01	3.3180-01	-1.1130 02	1.0000 00	1.0000 00	6.0370D-14	
11	1.0000-03	1.1610 04	8.7590-01	4.2820-01	6.2750-13	2.9330-01	3.3180-01	3.6080 00	9.9990-01	9.9990-01	1.3400D-14	
13	1.3590-03	1.1740 04	1.1850 00	5.7490-01	8.3950-13	2.9680-01	3.3180-01	-7.8060 00	4.8950-01	4.8950-01	1.8390D-14	
15	1.8480-03	1.1860 04	1.5970 00	7.7500-01	1.1200-12	3.0130-01	3.3220-01	2.8820 00	9.9990-01	9.9990-01	2.4550D-14	
17	2.5120-03	1.2020 04	2.1460 00	1.0420 00	1.4850-12	3.0750-01	3.3240-01	1.7370 01	9.9990-01	9.9990-01	3.9040D-14	
19	3.4150-03	1.2120 04	2.8720 00	1.3930 00	1.9730-12	3.1450-01	3.3330-01	1.2910 02	9.9980-01	9.9980-01	4.3370D-14	
21	4.6420-03	1.2310 04	3.6880 00	1.8600 00	2.5830-12	3.2450-01	3.3480-01	-2.1000 01	9.9980-01	9.9980-01	8.1770D-14	
23	6.3100-03	1.2410 04	5.0780 00	2.4650 00	3.4020-12	3.3610-01	3.3700-01	2.8790 01	9.9980-01	9.9980-01	9.3330D-14	
25	8.5770-03	1.2560 04	6.6960 00	3.2520 00	4.4300-12	3.5090-01	3.3930-01	-7.9520 01	9.9980-01	9.9980-01	1.3600D-13	
27	1.1660-02	1.2630 04	8.7700 00	4.2510 00	5.7820-12	3.6900-01	3.4120-01	-4.0730 00	9.9970-01	9.9970-01	1.2950D-13	
29	1.5850-02	1.2730 04	1.1390 01	5.5170 00	7.4630-12	3.9160-01	3.4300-01	7.2510 00	9.9970-01	9.9970-01	1.4370D-13	
31	2.1540-02	1.2850 04	1.4670 01	7.1000 00	9.5170-12	4.1880-01	3.4310-01	-2.7630 01	9.9970-01	9.9970-01	1.8250D-13	
33	2.9290-02	1.2980 04	1.8710 01	9.0560 00	1.2020-11	4.5110-01	3.3830-01	-2.1170 01	9.9960-01	9.9960-01	2.3970D-13	
35	3.9810-02	1.3140 04	2.3640 01	1.1460 01	1.4990-11	4.8840-01	3.2870-01	-2.1580 01	9.9960-01	9.9960-01	3.6280D-13	
37	5.4120-02	1.3340 04	2.9620 01	1.4380 01	1.8460-11	5.3050-01	3.1030-01	-2.2580 01	9.9950-01	9.9950-01	6.6080D-13	
39	7.3560-02	1.3580 04	3.6830 01	1.7940 01	2.2490-11	5.7710-01	2.8420-01	-2.1810 01	9.9950-01	9.9950-01	1.4150D-12	
41	1.0000-01	1.3800 04	4.5550 01	2.2270 01	2.7110-11	6.2750-01	2.9330-01	-2.2630 01	9.9950-01	9.9950-01	3.6420D-12	
43	1.2590-01	1.4120 04	5.3250 01	2.6120 01	3.1050-11	6.6810-01	2.0310-01	-2.2220 01	9.9950-01	9.9950-01	7.7630D-12	
45	1.5950-01	1.4390 04	6.2150 01	3.0590 01	3.5460-11	7.1080-01	1.7280-01	-1.9830 01	9.9960-01	9.9960-01	1.7130D-11	
47	1.9950-01	1.4680 04	7.2450 01	3.5770 01	4.0400-11	7.5490-01	1.4690-01	-1.5720 01	9.9960-01	9.9960-01	3.9290D-11	
49	2.5120-01	1.5020 04	8.4420 01	4.1810 01	4.5860-11	7.9820-01	9.4820-02	-1.5760 01	9.9960-01	9.9960-01	1.0200D-10	
51	3.1620-01	1.5430 04	9.8560 01	4.8950 01	5.1970-11	8.3950-01	-1.3840-03	-2.0340 01	9.9970-01	9.9970-01	3.0010D-10	
53	3.9810-01	1.5850 04	1.1530 02	5.7370 01	5.9050-11	8.9320-01	-7.1890-02	-2.2130 01	9.9970-01	9.9970-01	8.4860D-10	
55	5.0120-01	1.6290 04	1.3520 02	6.7380 01	6.7270-11	9.2980-01	-2.7690-01	-1.9800 01	9.9970-01	9.9970-01	2.3580D-09	
57	6.3100-01	1.6770 04	1.5890 02	7.9270 01	7.6760-11	9.7900-01	-4.7860-01	-1.5880 01	9.9980-01	9.9980-01	6.5090D-09	
59	7.9430-01	1.7280 04	1.8710 02	9.3420 01	8.7680-11	1.0290 00	-7.3280-01	-1.0570 01	9.9980-01	9.9980-01	1.8360D-08	
61	1.0000 00	1.7830 04	2.2090 02	1.1030 02	1.0020-10	1.0820 00	-9.3290-01	-4.9200 00	9.9980-01	9.9980-01	5.2700D-08	
63	1.2590 00	1.8430 04	2.6140 02	1.3060 02	1.1470-10	1.1360 00	-7.3140-01	-9.2320-01	9.9980-01	9.9980-01	1.5400D-07	
65	1.5850 00	1.9070 04	3.0990 02	1.5490 02	1.3140-10	1.1940 00	-4.0740-02	2.3440 00	9.9980-01	9.9980-01	4.5010D-07	
67	1.9950 00	1.9760 04	3.6800 02	1.8390 02	1.5060-10	1.2550 00	-2.0630-01	4.4150 00	9.9980-01	9.9980-01	1.3060D-06	
69	2.5120 00	2.0500 04	4.3750 02	2.1870 02	1.7250-10	1.3160 00	-6.3070-01	6.5370 00	9.9980-01	9.9980-01	3.8870D-06	
71	3.1620 00	2.1320 04	5.2090 02	2.6640 02	1.9750-10	1.3770 00	-1.3410 00	9.9870 00	9.9980-01	9.9980-01	1.1690D-05	
73	3.9810 00	2.2200 04	6.2140 02	3.1070 02	2.2620-10	1.4410 00	-1.0290 00	1.3460 01	9.9980-01	9.9980-01	3.5270D-05	
75	5.0120 00	2.3110 04	7.4260 02	3.7120 02	2.5970-10	1.5130 00	8.1480-01	1.0960 01	9.9980-01	9.9980-01	1.0020D-04	
77	6.3100 00	2.3990 04	8.8770 02	4.4380 02	2.9910-10	1.6030 00	3.6040 00	-2.9920 00	9.9980-01	9.9980-01	2.4910D-04	
79	7.9430 00	2.4930 04	1.0580 03	5.2890 02	3.4290-10	1.6910 00	1.1650 00	-1.6970 01	9.9980-01	9.9980-01	6.2260D-04	
81	1.0000 01	2.6690 04	1.2550 03	6.2750 02	3.8870-10	1.7510 00	-1.9950 00	-1.4140 01	9.9980-01	9.9980-01	1.8060D-03	
83	1.2590 01	2.7440 04	1.4870 03	7.4350 02	4.3780-10	1.7940 00	-4.4400 00	1.5980 01	9.9980-01	9.9980-01	5.5550D-03	
85	1.5850 01	2.8880 04	1.7680 03	8.8470 02	4.9570-10	1.8610 00	-1.1890 00	3.8230 01	9.9980-01	9.9980-01	1.5810D-02	
87	1.9950 01	3.0060 04	2.1110 03	1.0580 03	5.6650-10	1.9830 00	3.1040 00	2.7740 01	9.9980-01	9.9980-01	9.6360D-01	
89	2.5120 01	3.1310 04	2.5130 03	1.2620 03	6.4600-10	2.1360 00	4.5310 00	-2.2820 01	9.9980-01	9.9980-01	7.4310D-02	
91	3.1620 01	3.2800 04	2.9950 03	1.4880 03	7.2050-10	2.2930 00	-9.6490-02	-1.3860 01	9.9980-01	9.9980-01	1.6060D-01	
93	3.9810 01	3.4660 04	3.3910 03	1.7270 03	7.7580-10	2.4660 00	-2.9510 00	-1.6560 01	9.9980-01	9.9980-01	6.5380D-01	
95	5.0120 01	3.6670 04	3.8370 03	1.9790 03	8.1890-10	2.6530 00	-2.1770 00	2.2920 01	9.9980-01	9.9980-01	4.1090D-01	
97	6.3100 01	3.8530 04	4.3720 03	2.2750 03	8.7970-10	2.8300 00	1.5810 00	1.4440 01	9.9990-01	9.9990-01	2.3600D-01	
99	7.9430 01	4.0240 04	5.0610 03	2.6460 03	9.7010D-10	3.0180 00	1.6980 00	-6.8050 00	9.9990-01	9.9990-01	8.6110D-01	

TEFF = 18000.0 LOG(G) = 2.50 X = 0.66667 Y = 0.33333

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	2.622D 03	1061.56	1.519D 09	2050.00	5.673D 08	3696.18	1.320D 08	4034.83	1.456D 08
546.43	9.444D 03	1086.41	1.503D 09	2127.72	5.236D 08	3697.15	1.326D 08	4078.38	1.405D 08
649.33	9.752D 04	1100.00	1.492D 09	2292.47	4.430D 08	3698.31	1.338D 08	4101.73	9.203D 07
800.11	8.957D 05	1112.26	1.480D 09	2484.88	3.668D 08	3700.50	1.416D 08	4141.06	1.344D 08
911.76	2.717D 06	1136.26	1.455D 09	2600.00	3.289D 08	3702.69	1.296D 08	4217.72	1.270D 08
911.76	2.709D 06	1161.33	1.427D 09	2600.00	3.289D 08	3703.85	1.282D 08	4297.27	1.197D 08
913.07	6.234D 06	1175.00	1.409D 09	2677.27	3.078D 08	3705.25	1.330D 08	4340.46	7.993D 07
915.54	7.986D 06	1181.83	1.400D 09	2837.09	2.660D 08	3707.91	1.462D 08	4422.28	1.095D 08
918.03	1.056D 07	1194.99	1.382D 09	3017.20	2.270D 08	3710.56	1.301D 08	4586.15	9.750D 07
919.35	1.241D 07	1208.45	1.321D 09	3121.75	2.077D 08	3711.97	1.243D 08	4762.63	8.636D 07
919.63	1.284D 07	1215.67	2.626D 08	3121.76	2.081D 08	3713.69	1.349D 08	4861.32	5.631D 07
920.16	1.315D 07	1216.42	2.630D 08	3169.76	1.999D 08	3716.95	1.523D 08	4892.89	7.903D 07
920.68	1.460D 07	1217.83	8.558D 08	3264.93	1.848D 08	3720.21	1.316D 08	4953.86	7.601D 07
920.96	1.538D 07	1219.25	1.153D 09	3365.99	1.704D 08	3721.94	1.185D 08	5016.38	7.298D 07
921.34	1.610D 07	1220.00	1.217D 09	3421.87	1.630D 08	3728.08	1.378D 08	5050.00	7.140D 07
922.00	1.634D 07	1223.41	1.311D 09	3421.87	1.657D 08	3728.14	1.591D 08	5123.58	6.810D 07
922.77	1.882D 07	1229.92	1.333D 09	3458.74	1.609D 08	3732.22	1.375D 08	5269.12	6.210D 07
923.15	1.989D 07	1236.50	1.331D 09	3530.87	1.520D 08	3734.37	1.155D 08	5423.16	5.645D 07
923.68	2.099D 07	1240.00	1.328D 09	3606.08	1.434D 08	3737.09	1.449D 08	5508.11	5.361D 07
924.69	2.816D 07	1249.96	1.318D 09	3647.05	1.390D 08	3742.24	1.651D 08	5665.32	4.880D 07
925.69	2.747D 07	1269.29	1.295D 09	3647.05	1.331D 08	3747.42	1.441D 08	5989.38	4.046D 07
926.22	2.932D 07	1289.23	1.271D 09	3649.67	1.329D 08	3750.15	1.117D 08	6352.76	3.311D 07
927.00	3.134D 07	1300.00	1.258D 09	3654.64	1.347D 08	3753.67	1.520D 08	6562.80	2.277D 07
928.48	7.435D 07	1316.23	1.238D 09	3659.62	1.390D 08	3760.36	1.693D 08	6797.77	2.623D 07
929.96	3.801D 07	1348.15	1.199D 09	3662.26	1.420D 08	3767.08	1.532D 08	7292.74	2.056D 07
930.75	3.994D 07	1381.65	1.159D 09	3665.27	1.451D 08	3776.63	1.107D 08	7865.45	1.577D 07
931.96	5.948D 07	1400.00	1.137D 09	3670.98	1.475D 08	3775.31	1.600D 08	8205.87	1.365D 07
934.26	2.567D 08	1419.35	1.114D 09	3676.71	1.443D 08	3784.22	1.708D 08	8205.87	1.303D 07
936.53	1.029D 08	1457.53	1.071D 09	3679.74	1.419D 08	3793.16	1.588D 08	8862.47	1.098D 07
937.80	7.027D 07	1497.83	1.026D 09	3680.27	1.417D 08	3797.90	1.084D 08	10448.64	6.027D 06
939.84	2.996D 08	1520.00	1.002D 09	3681.28	1.410D 08	3804.32	1.636D 08	12726.36	2.902D 06
943.74	6.839D 08	1545.12	9.746D 08	3682.28	1.401D 08	3816.55	1.694D 08	14380.00	1.836D 06
947.66	3.876D 08	1595.10	9.234D 08	3682.81	1.401D 08	3828.85	1.622D 08	15890.88	1.281D 06
949.74	8.257D 07	1648.41	8.716D 08	3683.50	1.396D 08	3835.38	1.078D 08	19843.04	5.489D 05
953.60	8.198D 08	1678.00	8.441D 08	3684.82	1.394D 08	3844.54	1.640D 08	26411.82	1.834D 05
961.00	1.191D 09	1723.39	8.027D 08	3686.13	1.375D 08	3862.03	1.651D 08	32000.00	8.697D 04
968.52	1.094D 09	1816.53	7.258D 08	3686.83	1.377D 08	3879.67	1.601D 08	34121.04	6.772D 04
972.54	1.579D 08	1920.32	6.501D 08	3687.64	1.373D 08	3889.05	1.045D 08	39024.39	4.006D 04
981.32	1.380D 09	1980.00	6.105D 08	3689.19	1.385D 08	3902.80	1.593D 08	45573.51	2.181D 04
998.42	1.488D 09	1991.74	6.028D 08	3690.73	1.344D 08	3925.14	1.575D 08	50000.00	1.515D 04
1016.12	1.459D 08	2014.39	5.837D 08	3691.55	1.347D 08	3955.84	1.534D 08	54724.75	1.062D 04
1025.72	1.254D 08	2037.56	5.746D 08	3692.52	1.345D 08	3970.07	1.013D 08	66666.67	4.872D 03
1037.82	1.492D 09	2050.00	5.673D 08	3694.35	1.392D 08	3992.20	1.499D 08	85275.25	1.838D 03

TEFF = 18000.0 LOG(G) = 3.00 X = C.66667 Y = 0.33333

I	TAU	TE	PG	PF	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0003-C8	1.1180 C4	3.2220-C5	1.6110-C5	2.3280-17	2.9810-01	-1.2670-C2	-1.3380 02	1.0000 00	9.9990-01	8.3740-11
3	1.0003-C7	1.1180 C4	3.1630-C4	1.5810-C4	2.2850-16	2.9810-01	-1.2670-C2	-1.3370 02	1.0000 00	9.9890-01	8.5200-12
5	1.0003-C6	1.1180 C4	3.1580-C3	1.5780-C3	2.2830-15	2.9780-01	-1.2670-C2	-1.3260 02	1.0000 00	9.8940-01	8.4130-13
7	1.0003-C5	1.1170 C4	3.1720-C2	1.5770-C2	2.3060-14	2.9540-01	-1.2530-C2	-1.1930 02	1.0000 00	9.0120-01	7.3170-14
9	1.0003-C4	1.1120 C4	3.2520-C1	1.5740-C1	2.4380-13	2.8490-01	-1.7400-C3	6.8550 01	9.9990-01	4.4590-01	2.7780-15
11	1.0003-C3	1.1750 C4	3.1480 C0	1.5080 C0	2.2560-12	3.1370-01	-2.0740-C2	5.1740 02	9.9970-01	2.7410-C1	4.2010-15
13	1.3590-C3	1.1950 C4	4.1930 C0	2.0120 C0	2.9510-12	3.2520-01	-1.9160-C1	2.9490 02	9.9970-01	3.0530-01	8.8380-15
15	1.8480-C3	1.1890 C4	5.5570 C0	2.6530 C0	3.9460-12	3.3900-01	-9.5560-C2	4.6940 02	9.9960-01	2.2750-01	3.8540-15
17	2.5120-C3	1.2180 C4	7.3250 C0	3.5120 C0	5.0610-12	3.5620-01	4.3190-C3	2.9450 01	9.9960-01	2.9290-01	1.3790-14
19	3.4150-C3	1.2220 C4	9.5910 C0	4.5880 C0	6.8160-12	3.7820-01	6.7590-01	1.6920 02	9.9950-01	2.5850-01	1.1370-14
21	4.6420-C3	1.2320 C4	1.2470 C1	5.9610 C0	8.5310-12	4.0510-C1	6.5700-01	-6.4230 C1	9.9950-01	2.5000-01	1.3340-14
23	6.3103-C3	1.2380 C4	1.6070 C1	7.6710 C0	1.0960-11	4.3890-01	2.5850-01	-9.5010 C0	9.9940-01	2.2600-01	1.2030-14
25	8.5773-C3	1.2460 C4	2.0520 C1	9.7890 C0	1.3920-11	4.7940-01	3.3070-01	-3.5180 01	9.9940-01	2.1190-01	1.2410-14
27	1.1663-C2	1.2520 C4	2.5980 C1	1.2380 C1	1.7570-11	5.2880-01	-6.0670-C2	7.9780 C0	9.9930-01	1.9270-01	1.1350-14
29	1.5853-C2	1.2610 C4	3.2610 C1	1.5530 C1	2.1900-11	5.8570-01	-3.5660-C2	-2.1140 00	9.9930-01	1.8620-01	1.2870-14
31	2.1543-C2	1.2730 C4	4.0610 C1	1.9340 C1	2.7020-11	6.5050-01	-3.3270-C2	1.3890 01	9.9910-01	1.8820-01	1.6980-14
33	2.9293-C2	1.2880 C4	5.0250 C1	2.3950 C1	3.3010-11	7.2310-01	-1.6020-C2	4.7000 C0	9.9900-01	2.0070-01	2.7040-14
35	3.9813-C2	1.3070 C4	6.1860 C1	2.9520 C1	4.0000-11	8.0360-01	-5.1550-C2	1.7840 01	9.9900-01	2.2510-01	5.1660-14
37	5.4123-C2	1.3290 C4	7.5830 C1	3.6280 C1	4.8100-11	8.9230-01	-1.4250-01	1.3790 C1	9.9890-01	2.6240-01	1.1500-13
39	7.3563-C2	1.3540 C4	9.2690 C1	4.4480 C1	5.7530-11	9.9100-01	-1.5420-01	2.9880 01	9.9890-01	3.1260-01	8.0510-13
41	1.0003-C1	1.3840 C4	1.1300 C2	5.4480 C1	6.8400-11	1.0390 C0	6.5990-C2	6.5780 00	9.9900-01	3.8020-01	8.0580-13
43	1.2593-C1	1.4080 C4	1.3100 C2	6.3370 C1	7.7660-11	1.1880 C0	7.1990-01	1.3280 C1	9.9900-01	4.3930-01	1.8230-12
45	1.5853-C1	1.4340 C4	1.5180 C2	7.3700 C1	8.7980-11	1.2830 C0	3.1340-01	2.1050 C1	9.9910-01	5.0470-01	4.2600-12
47	1.9953-C1	1.4620 C4	1.7570 C2	8.9690 C1	9.9480-11	1.3830 C0	-1.0130-C1	1.3940 C1	9.9920-01	5.7570-01	1.0360-11
49	2.5123-C1	1.4950 C4	2.0340 C2	9.6360 C1	1.1210-10	1.4860 C0	-4.0290-01	1.8860 01	9.9920-01	6.5430-01	2.7620-11
51	3.1623-C1	1.5330 C4	2.3580 C2	1.1610 C2	1.2620-10	1.5880 C0	-2.5840-C1	1.8720 01	9.9930-01	7.3540-01	8.0950-11
53	3.9813-C1	1.5730 C2	2.4730 C2	1.3580 C2	1.4220-10	1.6940 C0	3.3230-C1	1.5710 01	9.9940-01	8.0320-01	2.3060-10
55	5.0123-C1	1.6150 C4	3.1850 C2	1.5790 C2	1.6070-10	1.8070 C0	3.5840 C0	2.0980 01	9.9950-01	8.5630-01	6.3350-10
57	6.3103-C1	1.6590 C4	3.7100 C2	1.8440 C2	1.8180-10	1.9250 C0	2.3530 C0	1.7080 01	9.9950-01	8.9710-01	1.7120-09
59	7.9433-C1	1.7060 C4	4.3320 C2	2.1570 C2	2.0610-10	2.0460 C0	1.6080 C0	-4.4780 C0	9.9960-01	9.2600-01	4.6540-09
61	1.0003 C0	1.7570 C4	5.0690 C2	2.5270 C2	2.3390-10	2.1710 C0	-1.7090 C0	5.2660 00	9.9960-01	9.4670-01	1.2700-08
63	1.2593 C0	1.8120 C4	5.9460 C2	2.9660 C2	2.6580-10	2.3000 C0	-2.1810 C0	1.6380 C1	9.9960-01	9.6250-01	3.5440-08
65	1.5853 C0	1.8700 C4	6.9890 C2	3.4890 C2	3.0250-10	2.4380 C0	6.0340 C0	3.7590 C1	9.9960-01	9.7370-01	9.7430-08
67	1.9953 C0	1.9310 C4	8.2290 C2	4.1090 C2	3.4480-10	2.5870 C0	1.5400 C1	-2.2520 01	9.9960-01	9.8160-01	2.6040-07
69	2.5123 C0	1.9970 C4	9.7020 C2	4.8470 C2	3.2300-10	2.7400 C0	1.7180 C1	-1.1630 02	9.9960-01	9.8740-01	7.1000-07
71	3.1623 C0	2.0670 C4	1.1460 C3	5.7250 C2	4.4810-10	2.8980 C0	6.9960 C0	-1.8760 02	9.9960-01	9.9140-01	1.9420-06
73	3.9813 C0	2.1440 C4	1.3550 C3	6.7740 C2	5.1120-10	3.0630 C0	4.2790 C0	-1.8580 02	9.9960-01	9.9420-01	5.3410-06
75	5.0123 C0	2.2230 C4	1.6060 C3	8.0250 C2	5.8370-10	3.2410 C0	4.3850 C0	-1.8050 02	9.9960-01	9.9610-01	1.4220-05
77	6.3103 C0	2.2990 C4	1.9030 C3	9.5100 C2	6.6880-10	3.4600 C0	3.1920 C1	-2.4190 02	9.9970-01	9.9720-01	3.3440-05
79	7.9433 C0	2.3800 C4	2.2520 C3	1.1250 C3	7.8460-10	3.6860 C0	4.0010 C1	-4.7360 02	9.9970-01	9.9790-01	7.8170-05
81	1.0003 C1	2.4780 C4	2.6630 C3	1.3310 C3	8.5850-10	3.8680 C0	3.3670 C1	-7.3620 C2	9.9970-01	9.9840-01	2.0810-04
83	1.2593 C1	2.5890 C4	3.1540 C3	1.5770 C3	9.8430-10	4.0290 C0	9.8320-01	-8.8660 02	9.9970-01	9.9840-01	5.8820-04
85	1.5853 C1	2.7040 C4	3.7450 C3	1.8720 C3	1.1190-09	4.2230 C0	-1.3620 C0	-7.6330 C2	9.9970-01	9.9760-01	1.5440-03
87	1.9953 C1	2.8150 C4	4.4530 C3	2.2260 C3	1.2780-09	4.4730 C0	5.5770 C0	-6.9390 C2	9.9970-01	9.9560-01	3.5960-03
89	2.5123 C1	2.9230 C4	5.2910 C3	2.6460 C3	1.4620-09	4.7810 C0	-2.1000 C1	-4.8520 02	9.9970-01	9.9170-01	7.6180-03
91	3.1623 C1	3.0520 C4	6.2650 C3	3.1350 C3	1.6570-09	5.0600 C0	-1.9780 C1	-1.8300 02	9.9970-01	9.8180-01	1.7690-02
93	3.9813 C1	3.2140 C4	7.3920 C3	3.7050 C3	1.8540-09	5.2800 C0	-1.7250 C1	1.0000 02	9.9970-01	9.5280-01	4.6810-02
95	5.0123 C1	3.3920 C4	8.7040 C3	4.3860 C3	2.0610-09	5.5800 C0	-1.5310 C1	3.4000 02	9.9970-01	8.8240-01	1.1730-01
97	6.3103 C1	3.5670 C4	1.0220 C4	5.1760 C3	2.2840-09	6.0680 C0	-1.3750 C1	5.3640 C2	9.9970-01	7.5900-01	2.4180-01
99	7.9433 C1	3.7420 C4	1.1920 C4	6.0920 C3	2.5170-09	6.7140 C0	-1.3850 C1	7.0310 C2	9.9970-01	5.8990-01	4.0990-01

TEFF = 18000.0 LOG(G) = 3.00 X = 0.66567 Y = 0.33333									
LAM	F LAM	LAM	= LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.915D 03	1061.56	1.686D 09	2050.00	5.453D 08	3696.18	1.254D 08	4034.83	1.488D 08
546.43	6.607D 03	1086.41	1.675D 09	2127.72	5.003D 08	3697.15	1.257D 08	4078.38	1.426D 08
649.38	7.876D 04	1100.00	1.661D 09	2292.47	4.204D 08	3698.31	1.260D 08	4101.73	8.090D 07
800.11	7.553D 05	1112.26	1.644D 09	2484.88	3.465D 08	3700.50	1.298D 08	4141.06	1.368D 08
911.76	2.065D 06	1136.26	1.610D 09	2600.00	3.100D 08	3702.69	1.228D 08	4217.72	1.294D 08
911.76	2.045D 06	1161.33	1.569D 09	2600.00	3.100D 08	3703.85	1.223D 08	4297.27	1.216D 08
913.07	4.751D 06	1175.00	1.542D 09	2677.27	2.899D 08	3703.85	1.223D 08	4340.46	7.081D 07
915.54	5.532D 06	1181.83	1.533D 09	2837.09	2.499D 08	3707.91	1.320D 08	4422.28	1.110D 08
918.03	6.616D 06	1194.99	1.496D 09	3017.20	2.132D 08	3710.56	1.213D 08	4586.15	9.855D 07
919.35	7.275D 06	1208.45	1.329D 09	3121.75	1.949D 08	3711.97	1.179D 08	4762.63	8.702D 07
919.63	7.435D 06	1215.67	9.336D 07	3121.76	1.952D 08	3713.69	1.244D 08	4861.32	5.081D 07
920.16	7.545D 06	1216.42	9.373D 07	3169.76	1.873D 08	3716.95	1.363D 08	4892.89	7.916D 07
920.68	8.058D 06	1217.83	4.321D 08	3264.93	1.733D 08	3720.21	1.195D 08	4953.86	7.626D 07
920.96	8.286D 06	1219.25	8.949D 08	3365.99	1.599D 08	3721.94	1.109D 08	5016.38	7.318D 07
921.34	8.483D 06	1220.00	1.048D 09	3421.87	1.530D 08	3724.08	1.245D 08	5050.00	7.160D 07
922.06	8.563D 06	1223.41	1.327D 09	3421.87	1.549D 08	3728.14	1.432D 08	5123.58	6.818D 07
922.77	9.269D 06	1229.92	1.420D 09	3458.74	1.506D 08	3732.22	1.224D 08	5269.12	6.209D 07
923.15	9.568D 06	1236.50	1.431D 09	3530.87	1.423D 08	3734.37	1.058D 08	5423.16	5.632D 07
923.68	9.884D 06	1240.00	1.430D 09	3606.08	1.340D 08	3737.09	1.293D 08	5508.11	5.341D 07
924.69	1.156D 07	1249.96	1.420D 09	3647.05	1.299D 08	3742.24	1.520D 08	5665.32	4.857D 07
925.69	1.144D 07	1269.29	1.389D 09	3647.05	1.243D 08	3747.42	1.266D 08	5989.38	4.014D 07
926.22	1.183D 07	1289.03	1.356D 09	3649.67	1.240D 08	3750.15	1.001D 08	6352.76	3.273D 07
927.00	1.225D 07	1300.00	1.339D 09	3659.62	1.276D 08	3753.67	1.355D 08	6562.80	2.124D 07
928.48	1.976D 07	1316.23	1.315D 09	3662.26	1.297D 08	3760.36	1.607D 08	6797.77	2.587D 07
929.96	1.370D 07	1348.15	1.263D 09	3665.27	1.323D 08	3770.63	9.763D 07	7292.74	2.025D 07
930.75	1.406D 07	1381.65	1.212D 09	3670.98	1.366D 08	3775.31	1.458D 08	7865.45	1.549D 07
931.96	1.753D 07	1400.00	1.186D 09	3679.74	1.370D 08	3784.22	1.668D 08	8205.87	1.339D 07
934.26	5.893D 07	1419.35	1.158D 09	3676.71	1.379D 08	3793.16	1.454D 08	8862.47	1.093D 07
936.58	2.500D 07	1457.53	1.103D 09	3679.74	1.370D 08	3797.90	9.453D 07	10448.64	5.965D 06
937.80	1.958D 07	1497.83	1.050D 09	3680.27	1.372D 08	3804.32	1.547D 08	12726.36	2.862D 06
939.84	6.879D 07	1520.00	1.023D 09	3681.28	1.366D 08	3816.55	1.691D 08	14380.00	1.808D 06
943.74	2.818D 08	1545.12	9.891D 08	3682.28	1.360D 08	3828.85	1.549D 08	15890.88	1.264D 06
947.66	9.645D 07	1595.10	9.296D 08	3682.81	1.357D 08	3835.38	9.364D 07	19843.04	5.400D 05
949.74	2.251D 07	1648.41	8.722D 08	3683.50	1.352D 08	3844.54	1.609D 08	26411.82	1.802D 05
953.60	3.796D 08	1678.00	8.405D 08	3684.82	1.343D 08	3862.03	1.675D 08	32000.00	8.537C 04
961.00	9.095D 08	1723.39	7.941D 08	3686.13	1.327D 08	3879.67	1.574D 08	34121.04	6.647D 04
968.52	6.944D 08	1816.53	7.108D 08	3686.83	1.325D 08	3889.05	9.082D 07	39024.39	3.933D 04
972.54	3.793D 07	1920.32	6.326D 08	3687.64	1.318D 08	3902.80	1.598D 08	45573.51	2.140D 04
981.32	1.279D 09	1980.00	5.887D 08	3689.19	1.315D 08	3929.14	1.608D 08	50000.00	1.488D 04
998.42	1.547D 09	1991.74	5.811D 08	3690.73	1.290D 08	3955.84	1.544D 08	54724.75	1.041D 04
1016.12	1.454D 09	2014.39	5.673D 08	3691.55	1.290D 08	3970.07	8.813D 07	66666.67	4.789D 03
1025.72	3.741D 07	2037.56	5.528D 08	3692.52	1.285D 08	3992.20	1.525D 08	85275.25	1.810D 03
1037.82	1.552D 09	2050.00	5.454D 08	3694.35	1.300D 08				

TEFF = 18000.0 LOG(G) = 3.50 X = 0.66667 Y = 0.33333

I	TAU	TE	PG	PE	RHO	KAPZ	DF(X)	D TE	XH2	XHE2	XHE3
1	1.0003-08	1.087D 04	1.062D-04	5.310D-05	7.894D-17	2.981D-01	-1.162D-01	4.835D 02	1.000D 00	9.992D-01	4.658D-12
3	1.0003-07	1.087D 04	1.043D-03	5.215D-04	7.759D-16	2.979D-01	-1.162D-01	4.837D 02	1.000D 00	9.921D-01	4.710D-13
5	1.0003-06	1.081D 04	1.045D-02	5.203D-03	7.851D-15	2.955D-01	-1.162D-01	5.041D 02	1.000D 00	9.153D-01	3.111D-14
7	1.0003-05	1.085D 04	1.070D-01	5.212D-02	8.174D-13	2.850D-01	-1.161D-01	5.060D 02	1.000D 00	5.458D-01	2.328D-15
9	1.0003-04	1.120D 04	1.092D 00	5.217D-01	8.232D-11	2.888D-01	-1.150D-01	4.767D 01	9.998D-01	2.287D-01	6.548D-16
11	1.0003-03	1.200D 04	9.364D 00	4.458D 00	6.608D-12	3.785D-01	-4.768D-01	-2.224D 02	9.995D-01	1.823D-01	3.044D-15
13	1.3593-03	1.170D 04	1.214D 01	5.739D 00	8.840D-12	4.171D-01	-8.571D-01	5.455D 02	9.990D-01	8.085D-02	2.529D-16
15	1.8483-03	1.215D 04	1.566D 01	7.442D 00	1.093D-11	4.412D-01	-3.443D-01	-1.512D 02	9.993D-01	1.562D-01	3.098D-15
17	2.5123-03	1.201D 04	2.001D 01	9.470D 00	1.418D-11	4.933D-01	-5.853D-02	5.600D 02	9.990D-01	9.647D-02	7.860D-16
19	3.4153-03	1.188D 04	2.539D 01	1.198D 01	1.823D-11	5.612D-01	2.873D 00	5.541D 02	9.985D-01	6.007D-02	2.160D-16
21	4.6423-03	1.209D 04	3.184D 01	1.504D 01	2.245D-11	6.156D-01	2.892D 00	5.638D 02	9.985D-01	7.423D-02	5.511D-16
23	6.3103-03	1.228D 04	3.979D 01	1.882D 01	2.759D-11	6.803D-01	9.693D-01	2.122D 02	9.986D-01	8.846D-02	1.252D-15
25	8.577D-03	1.232D 04	4.913D 01	2.322D 01	3.400D-11	7.708D-01	1.313D 00	9.740D 00	9.983D-01	7.775D-02	1.032D-15
27	1.1663-02	1.243D 04	6.035D 01	2.852D 01	4.139D-11	8.666D-01	-1.697D-01	2.092D 01	9.982D-01	7.971D-02	1.402D-15
29	1.5853-02	1.256D 04	7.378D 01	3.488D 01	5.007D-11	9.751D-01	-4.720D-02	1.139D 01	9.982D-01	8.399D-02	2.075D-15
31	2.1543-02	1.271D 04	8.992D 01	4.253D 01	6.024D-11	1.095D 00	-7.03D-04	3.046D 01	9.981D-01	9.309D-02	3.615D-15
33	2.9293-02	1.289D 04	1.093D 02	5.176D 01	7.217D-11	1.228D 00	-1.186D-01	1.339D 01	9.980D-01	1.068D-01	7.067D-15
35	3.9813-02	1.310D 04	1.327D 02	6.290D 01	8.615D-11	1.377D 00	-1.566D-01	4.232D 01	9.980D-01	1.256D-01	1.509D-14
37	5.412D-02	1.332D 04	1.608D 02	7.635D 01	1.025D-10	1.544D 00	-2.088D-01	1.691D 01	9.980D-01	1.511D-01	3.506D-14
39	7.3563-02	1.357D 04	1.947D 02	9.265D 01	1.215D-10	1.728D 00	-1.720D-01	2.484D 01	9.981D-01	1.867D-01	9.071D-14
41	1.0003-01	1.385D 04	2.356D 02	1.124D 02	1.437D-10	1.932D 00	6.566D-02	1.737D 01	9.981D-01	2.331D-01	2.508D-13
43	1.2593-01	1.409D 04	2.717D 02	1.301D 02	1.625D-10	2.100D 00	3.404D-02	2.512D 01	9.982D-01	3.349D-01	1.410D-12
45	1.5853-01	1.435D 04	3.134D 02	1.506D 02	1.835D-10	2.271D 00	1.320D-01	2.093D 01	9.983D-01	4.008D-01	3.567D-12
47	1.9953-01	1.463D 04	3.616D 02	1.744D 02	2.068D-10	2.471D 00	1.519D-01	1.645D 01	9.986D-01	4.775D-01	9.512D-12
49	2.5123-01	1.494D 04	4.172D 02	2.022D 02	2.326D-10	2.673D 00	-3.818D-02	2.386D 00	9.988D-01	5.608D-01	2.622D-11
51	3.1623-01	1.528D 04	4.818D 02	2.348D 02	2.613D-10	2.888D 00	1.42D-01	2.116D 01	9.989D-01	6.465D-01	7.462D-11
53	3.9813-01	1.566D 04	5.570D 02	2.728D 02	2.934D-10	3.111D 00	2.835D 00	3.209D 01	9.990D-01	7.243D-01	2.075D-10
55	5.0123-01	1.605D 04	6.447D 02	3.172D 02	3.297D-10	3.346D 00	2.148D 00	1.404D 01	9.992D-01	7.935D-01	5.847D-10
57	6.3103-01	1.649D 04	7.472D 02	3.691D 02	3.707D-10	3.586D 00	1.367D 00	8.258D 00	9.993D-01	8.480D-01	1.621D-09
59	7.9433-01	1.694D 04	8.678D 02	4.301D 02	4.175D-10	3.834D 00	-2.210D 00	6.302D 00	9.993D-01	8.884D-01	4.469D-09
61	1.0003 00	1.744D 04	1.010D 03	5.017D 02	4.712D-10	4.088D 00	-1.736D 00	1.669D 01	9.993D-01	9.202D-01	1.244D-08
63	1.2593 00	1.797D 04	1.178D 03	5.864D 02	5.325D-10	4.348D 00	5.925D-01	4.178D 01	9.993D-01	9.435D-01	3.372D-08
65	1.5853 00	1.852D 04	1.378D 03	6.866D 02	6.033D-10	4.627D 00	1.156D 01	7.821D 00	9.993D-01	9.597D-01	8.704D-08
67	1.9953 00	1.909D 04	1.614D 03	8.049D 02	6.849D-10	4.935D 00	1.488D 01	-5.371D 01	9.993D-01	9.717D-01	2.254D-07
69	2.5123 00	1.970D 04	1.893D 03	9.447D 02	7.780D-10	5.254D 00	1.058D 01	-1.331D 02	9.994D-01	9.803D-01	5.846D-07
71	3.1623 00	2.035D 04	2.223D 03	1.110D 03	8.841D-10	5.585D 00	1.461D 00	-1.422D 02	9.994D-01	9.864D-01	1.557D-06
73	3.9813 00	2.106D 04	2.616D 03	1.307D 03	1.095D-09	5.919D 00	1.113D 00	-1.276D 02	9.994D-01	9.907D-01	4.139D-06
75	5.0123 00	2.183D 04	3.083D 03	1.540D 03	1.142D-09	6.267D 00	2.722D 01	-1.649D 02	9.994D-01	9.932D-01	9.463D-06
77	6.3103 00	2.253D 04	3.637D 03	1.817D 03	1.305D-09	6.713D 00	3.444D 01	-3.446D 02	9.995D-01	9.950D-01	2.060D-05
79	7.9433 00	2.325D 04	4.286D 03	2.142D 03	1.692D-09	7.205D 00	3.302D 01	-5.618D 02	9.995D-01	9.965D-01	5.081D-05
81	1.0003 01	2.412D 04	5.049D 03	2.523D 03	1.992D-09	7.627D 00	5.632D 00	-6.953D 02	9.995D-01	9.976D-01	1.411D-04
83	1.2593 01	2.515D 04	5.959D 03	2.978D 03	1.915D-09	7.967D 00	-9.367D-01	-6.193D 02	9.995D-01	9.977D-01	3.787D-04
85	1.5853 01	2.625D 04	7.053D 03	3.526D 03	2.172D-09	8.342D 00	2.365D 00	-6.459D 02	9.995D-01	9.975D-01	8.666D-04
87	1.9953 01	2.730D 04	8.363D 03	4.181D 03	2.476D-09	8.845D 00	-2.125D 01	-3.747D 02	9.995D-01	9.968D-01	1.778D-03
89	2.5123 01	2.825D 04	9.912D 03	4.955D 03	2.836D-09	9.507D 00	-2.043D 01	-9.551D 01	9.995D-01	9.948D-01	4.046D-03
91	3.1623 01	2.943D 04	1.172D 04	5.862D 03	3.220D-09	1.007D 01	-1.856D 01	1.769D 02	9.996D-01	9.881D-01	1.098D-02
93	3.9813 01	3.094D 04	1.387D 04	6.936D 03	3.621D-09	1.046D 01	-1.736D 01	4.250D 02	9.996D-01	9.699D-01	2.950D-02
95	5.0123 01	3.261D 04	1.643D 04	8.228D 03	4.066D-09	1.089D 01	-1.763D 01	6.551D 02	9.996D-01	9.335D-01	6.597D-02
97	6.3103 01	3.419D 04	1.949D 04	9.779D 03	5.519D-09	1.162D 01	-1.792D 01	8.751D 02	9.996D-01	8.634D-01	1.361D-01
99	7.9433 01	3.585D 04	2.305D 04	1.161D 04	5.158D-09	1.255D 01	-1.792D 01	8.751D 02	9.996D-01	8.634D-01	1.361D-01

TEFF = 18000.0 LOG(G) = 3.50 X = 0.66667 Y = 0.33333

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.576D 03	1061.56	1.786D 09	2050.00	5.348D 08	3696.19	1.253D 08	4034.83	1.497D 08
546.43	7.121D 03	1086.41	1.821D 09	2127.72	4.900D 08	3697.15	1.252D 08	4078.38	1.425D 08
649.38	7.163D 04	1100.00	1.807D 09	2232.47	4.105D 08	3698.31	1.252D 08	4101.73	7.459D 07
800.11	6.817D 05	1112.26	1.790D 09	2434.88	3.368D 08	3700.50	1.256D 08	4141.06	1.375D 08
911.76	2.317D 06	1136.26	1.746D 09	2600.00	3.013D 08	3702.69	1.215D 08	4217.72	1.303D 08
911.76	1.980D 06	1161.33	1.690D 09	2600.00	3.013D 08	3703.85	1.212D 08	4297.27	1.222D 08
913.07	4.008D 06	1175.00	1.656D 09	2677.27	2.806D 08	3705.25	1.221D 08	4340.46	6.563D 07
915.54	6.194D 06	1181.83	1.645D 09	2837.09	2.425D 08	3707.91	1.252D 08	4422.28	1.115D 08
918.03	6.826D 06	1194.99	1.579D 09	3017.20	2.066D 08	3710.56	1.190D 08	4586.15	9.902D 07
919.35	5.942D 06	1208.45	1.211D 09	3121.75	1.886D 08	3711.97	1.174D 08	4762.63	8.718D 07
919.63	6.567D 06	1215.67	5.704D 07	3121.76	1.890D 08	3713.69	1.210D 08	4861.32	4.794D 07
920.16	6.572D 06	1216.42	5.652D 07	3159.76	1.815D 08	3716.95	1.269D 08	4892.89	7.886D 07
920.68	5.637D 06	1217.83	1.964D 08	3284.93	1.681D 08	3720.21	1.156D 08	4953.86	7.628D 07
920.96	6.007D 06	1219.25	5.529D 08	3365.99	1.550D 08	3721.94	1.105D 08	5016.38	7.320D 07
921.34	6.369D 06	1220.00	7.393D 08	3421.87	1.483D 08	3724.08	1.190D 08	5050.00	7.160D 07
922.06	6.516D 06	1223.41	1.238D 09	3421.87	1.497D 08	3728.14	1.315D 08	5123.58	6.816D 07
922.77	7.120D 06	1229.92	1.457D 09	3458.74	1.453D 08	3732.22	1.155D 08	5269.12	6.200D 07
923.15	7.291D 06	1236.50	1.500D 09	3530.87	1.375D 08	3734.37	1.041D 08	5423.16	5.614D 07
923.68	6.751D 06	1240.00	1.508D 09	3606.08	1.300D 08	3737.09	1.207D 08	5508.11	5.323D 07
924.69	8.149D 06	1249.96	1.504D 09	3647.05	1.260D 08	3742.24	1.390D 08	5665.32	4.834D 07
925.69	8.102D 06	1269.29	1.468D 09	3647.05	1.203D 08	3747.42	1.165D 08	5989.38	3.994D 07
926.22	8.270D 06	1289.23	1.430D 09	3649.67	1.200D 08	3750.15	9.641D 07	6352.76	3.255D 07
927.00	8.477D 06	1300.00	1.409D 09	3654.64	1.203D 08	3753.67	1.238D 08	6562.80	2.047D 07
928.48	1.148D 07	1316.23	1.383D 09	3659.62	1.220D 08	3760.36	1.487D 08	6797.77	2.572D 07
929.96	8.761D 06	1348.15	1.318D 09	3662.26	1.233D 08	3767.08	1.232D 08	7292.74	2.008D 07
930.75	8.998D 06	1381.65	1.257D 09	3665.27	1.250D 08	3770.63	9.217D 07	7865.45	1.537D 07
931.96	1.068D 07	1400.00	1.225D 09	3670.98	1.288D 08	3775.31	1.531D 08	8205.87	1.325D 07
934.26	2.342D 07	1419.35	1.192D 09	3676.71	1.316D 08	3784.22	1.579D 08	8205.87	1.295D 07
936.58	1.334D 07	1457.53	1.131D 09	3679.74	1.324D 08	3793.16	1.320D 08	8862.47	1.090D 07
937.80	1.138D 07	1497.83	1.070D 09	3680.27	1.326D 08	3797.90	8.790D 07	10448.64	5.944D 06
939.84	2.532D 07	1520.00	1.039D 09	3681.28	1.325D 08	3804.32	1.421D 08	12726.36	2.841D 06
943.74	1.035D 08	1545.12	1.003D 09	3682.28	1.325D 08	3816.55	1.643D 08	14380.00	1.794D 06
947.66	3.349D 07	1595.10	9.379D 08	3682.81	1.325D 08	3828.85	1.440D 08	15890.88	1.256D 06
949.74	1.299D 07	1648.41	8.741D 08	3683.50	1.322D 08	3835.38	8.600D 07	19843.04	5.359D 05
953.60	1.427D 08	1678.00	8.407D 08	3684.82	1.322D 08	3844.54	1.531D 08	26411.82	1.792D 05
961.00	5.932D 08	1723.39	7.923D 08	3686.13	1.316D 08	3862.03	1.655D 08	32000.00	8.452D 04
968.52	3.375D 08	1816.53	7.042D 08	3686.83	1.312D 08	3879.67	1.503D 08	34121.04	6.599D 04
972.54	1.909D 07	1920.32	6.238D 08	3687.64	1.308D 08	3889.05	8.309D 07	39024.39	3.907D 04
981.32	1.031D 09	1980.00	5.792D 08	3689.19	1.303D 08	3902.80	1.563D 08	45573.51	2.126D 04
998.42	1.482D 09	1991.74	5.716D 08	3690.73	1.291D 08	3929.14	1.610D 08	50000.00	1.479D 04
1016.12	1.272D 09	2014.39	5.575D 08	3691.55	1.289D 08	3955.84	1.518D 07	54724.75	1.029D 04
1025.72	2.211D 07	2037.56	5.424D 08	3692.52	1.283D 08	3970.07	8.035D 07	66666.67	4.766D 03
1037.82	1.509D 09	2050.00	5.346D 08	3694.35	1.279D 08	3992.20	1.523D 08	85275.25	1.809D 03

TEFF = 18000.0 LOG(G) = 4.00 X = 0.66667 Y = 0.33333											
I	TAU	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	1.0830 04	3.4020-04	1.7010-04	2.5390-16	2.9810-01	-3.0120-02	1.9990 02	1.0000 00	9.9710-01	1.1250-12
3	1.0003-07	1.0830 04	3.3460-03	1.6700-03	2.5020-15	2.9730-01	-3.0120-02	2.0150 02	1.0000 00	9.7210-01	1.1090-13
5	1.0003-06	1.0820 04	3.3780-02	1.6670-02	2.5550-14	2.9130-01	-3.0120-02	2.1500 02	1.0000 00	9.7360-01	8.4430-15
7	1.0003-05	1.0850 04	3.5060-01	1.6790-01	2.7220-13	2.7980-01	-3.2010-02	1.3680 02	9.9990-01	2.6940-01	3.4810-16
9	1.0003-04	1.1160 04	3.3590 00	1.5880 00	2.5650-12	3.1670-01	-3.0140-02	-7.0750 01	9.9940-01	7.9320-02	5.7600-17
11	1.0003-03	1.1960 04	2.3900 01	1.1300 01	1.7030-11	5.3890-01	-2.6860-02	-1.1040 02	9.9870-01	7.4730-02	4.1130-16
13	1.3593-03	1.1950 04	3.0060 01	1.4190 01	2.1460-11	6.0800-01	-2.5880-02	1.0770 02	9.9840-01	5.9530-02	2.5260-16
15	1.8483-03	1.2090 04	3.7560 01	1.7730 01	2.6510-11	6.7710-01	-2.3850-02	-7.5370 01	9.9830-01	6.3470-02	3.9680-16
17	2.5120-03	1.2110 04	4.6590 01	2.1980 01	3.2840-11	7.7070-01	-1.7200-02	-1.5670 01	9.9800-01	5.4430-02	3.0590-16
19	3.4150-03	1.2160 04	5.7320 01	2.7030 01	4.0270-11	8.7750-01	-1.2790-02	-2.1530 01	9.9770-01	4.9140-02	2.7630-16
21	4.6420-03	1.2210 04	7.0100 01	3.3040 01	4.9050-11	1.0010 00	-5.2750-03	-2.8130 00	9.9740-01	4.5230-02	2.6400-16
23	6.3100-03	1.2300 04	8.5300 01	4.0200 01	5.9250-11	1.1370 00	5.5500-03	-2.9180 01	9.9720-01	4.5120-02	3.2480-16
25	8.5770-03	1.2400 04	1.0340 02	4.8730 01	7.1230-11	1.2910 00	5.4360-02	-2.4010 01	9.9700-01	4.5960-02	4.2490-16
27	1.1660-02	1.2540 04	1.2500 02	5.8940 01	8.5220-11	1.4610 00	9.5500-02	-1.9780 01	9.9690-01	4.9580-02	6.6690-16
29	1.5850-02	1.2680 04	1.5100 02	7.1180 01	1.0170-10	1.6540 00	3.5700-02	-1.4260 01	9.9680-01	5.4610-02	1.1170-15
31	2.1540-02	1.2840 04	1.8200 02	8.5830 01	1.2100-10	1.8720 00	-2.8010-02	-8.8990 00	9.9670-01	6.0930-02	1.9500-15
33	2.9290-02	1.3000 04	2.1910 02	1.0340 02	1.4380-10	2.1190 00	-7.8470-02	-4.7000 00	9.9660-01	6.8560-02	3.4970-15
35	3.9810-02	1.3190 04	2.6360 02	1.2440 02	1.7050-10	2.3950 00	-1.2380-01	-1.0560 00	9.9650-01	7.9220-02	6.8480-15
37	5.4120-02	1.3400 04	3.1690 02	1.4980 02	2.0160-10	2.6990 00	-1.0620-01	1.0410 00	9.9650-01	9.4670-02	1.5040-14
39	7.3560-02	1.3630 04	3.8110 02	1.8040 02	2.3800-10	3.0380 00	-8.2660-02	2.6410 00	9.9660-01	1.1550-01	3.5640-14
41	1.0003-01	1.3910 04	4.5840 02	2.1740 02	2.8000-10	3.4020 00	-6.2130-02	1.5750 00	9.9680-01	1.4740-01	1.0010-13
43	1.2590-01	1.4130 04	5.2680 02	2.5040 02	3.1620-10	3.7080 00	-2.9280-02	1.1210 00	9.9690-01	1.7680-01	2.1920-13
45	1.5850-01	1.4360 04	6.0570 02	2.8860 02	3.5690-10	4.0400 00	3.5220-02	2.3200 00	9.9710-01	2.1250-01	4.9350-13
47	1.9950-01	1.4620 04	6.9660 02	3.3280 02	4.0210-10	4.3970 00	1.1730-01	4.7930 00	9.9730-01	2.5730-01	1.1710-12
49	2.5120-01	1.4930 04	8.0170 02	3.8470 02	4.5140-10	4.7590 00	1.9260-01	3.5110 00	9.9760-01	3.2140-01	3.2720-12
51	3.1620-01	1.5310 04	9.2410 02	4.4600 02	5.0470-10	5.1170 00	1.6400-01	-1.3810 00	9.9790-01	4.1240-01	1.1100-11
53	3.9810-01	1.5700 04	1.0670 03	5.1810 02	5.6520-10	5.5170 00	1.2690-01	-4.1120 00	9.9820-01	5.0580-01	3.4840-11
55	5.0120-01	1.6090 04	1.2340 03	6.0220 02	6.3450-10	5.9690 00	2.5130-02	-3.9700 00	9.9840-01	5.9170-01	9.8160-11
57	6.3100-01	1.6500 04	1.4280 03	7.0010 02	7.1260-10	6.4490 00	-1.4470-01	-2.9140 00	9.9870-01	6.7280-01	2.6950-10
59	7.9430-01	1.6930 04	1.6530 03	8.1430 02	8.0120-10	6.9520 00	-2.7940-01	-1.4160 00	9.9880-01	7.4350-01	7.2000-10
61	1.0000 00	1.7390 04	1.9180 03	9.4770 02	9.0160-10	7.4660 00	-4.7820-01	5.0560-01	9.9880-01	8.0260-01	1.9170-09
63	1.2590 00	1.7890 04	2.2280 03	1.1040 03	1.0150-09	7.9910 00	-5.6950-01	2.5520 00	9.9880-01	8.5280-01	5.1680-09
65	1.5850 00	1.8410 04	2.5930 03	1.2880 03	1.1460-09	8.5410 00	-2.9350-01	4.3610 00	9.9880-01	8.9210-01	1.3710-08
67	1.9950 00	1.8960 04	3.0240 03	1.5050 03	1.2950-09	9.1290 00	-5.2660-02	4.9970 00	9.9890-01	9.2130-01	3.5120-08
69	2.5120 00	1.9560 04	3.5330 03	1.7600 03	1.4650-09	9.7290 00	7.4030-02	4.6780 00	9.9890-01	9.4400-01	9.1580-08
71	3.1620 00	2.0190 04	4.1340 03	2.0610 03	1.6590-09	1.0350 01	2.4930-01	2.8500 00	9.9890-01	9.6060-01	2.3840-07
73	3.9810 00	2.0880 04	4.8470 03	2.4190 03	1.8790-09	1.0980 01	-7.2380-02	5.8740-01	9.9900-01	9.7260-01	6.2600-07
75	5.0120 00	2.1600 04	5.6930 03	2.8420 03	2.1330-09	1.1670 01	-3.1130-02	1.3770-01	9.9910-01	9.8100-01	1.6050-06
77	6.3100 00	2.2300 04	6.6930 03	3.3430 03	2.4280-09	1.2490 01	6.6980-01	-5.8340-01	9.9910-01	9.8620-01	3.7010-06
79	7.9430 00	2.3030 04	7.8680 03	3.9300 03	2.7640-09	1.3370 01	2.7480-01	-2.1020 00	9.9920-01	9.8990-01	8.3810-06
81	1.0000 00	2.3890 04	9.2560 03	4.6250 03	3.1340-09	1.4140 01	-2.7620-01	-2.7650 00	9.9920-01	9.9300-01	2.0990-05
83	1.2590 00	2.4830 04	1.0910 04	5.4530 03	3.5540-09	1.4910 01	-5.4530-01	-7.6950-01	9.9930-01	9.9520-01	5.3530-05
85	1.5850 00	2.5810 04	1.2880 04	6.4380 03	4.0360-09	1.5770 01	-3.2170-01	2.0040 00	9.9930-01	9.9620-01	1.3100-04
87	1.9950 00	2.6820 04	1.5230 04	7.6090 03	4.5900-09	1.6710 01	3.5690-01	2.4120 00	9.9930-01	9.9670-01	3.0730-04
89	2.5120 00	2.7880 04	1.8010 04	8.0990 03	5.2100-09	1.7710 01	7.7630-01	-3.3480 00	9.9930-01	9.9680-01	7.0280-04
91	3.1620 00	2.9060 04	2.1310 04	1.0650 04	5.9260-09	1.8690 01	-4.4680-02	-6.3050 00	9.9930-01	9.9630-01	1.6570-03
93	3.9810 00	3.0440 04	2.5230 04	1.2610 04	6.7000-09	1.9610 01	-6.6640-01	-1.3030 00	9.9940-01	9.9430-01	4.1740-03
95	5.0120 00	3.1930 04	2.9930 04	1.4970 04	7.5740-09	2.0570 01	-3.6020-01	5.1660 00	9.9940-01	9.8850-01	1.0370-02
97	6.3100 00	3.3490 04	3.5530 04	1.7790 04	8.5650-09	2.1720 01	5.2280-01	2.3180 00	9.9940-01	9.7470-01	2.4420-02
99	7.9430 00	3.5130 04	4.2170 04	2.1140 04	9.6740-09	2.3100 01	7.0100-03	-8.3620-01	9.9940-01	9.4510-01	5.4130-02



TEFF = 18000.0 LOG(G) = 4.00 X = 0.66667 Y = 0.33333

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	9.781D 02	1061.56	1.879D 09	2050.00	5.337D 03	3696.18	1.275D 08	4034.83	1.500D 08		
546.43	3.726D 03	1086.41	1.924D 09	2127.72	4.889D 08	3697.15	1.273D 08	4078.38	1.411D 08		
649.38	4.545D 04	1100.00	1.916D 09	2292.47	4.086D 08	3698.31	1.269D 08	4101.73	7.056D 07		
800.11	4.848D 05	1112.26	1.898D 09	2484.88	3.351D 08	3700.50	1.266D 08	4141.06	1.377D 08		
911.76	1.586D 06	1136.26	1.853D 09	2600.00	2.994D 08	3702.69	1.241D 08	4217.72	1.310D 08		
911.76	1.564D 06	1161.33	1.790D 09	2600.00	2.994D 08	3703.85	1.237D 08	4297.27	1.224D 08		
913.07	2.945D 06	1175.00	1.746D 09	2677.09	2.791D 08	3705.25	1.238D 08	4340.46	6.257D 07		
915.54	3.573D 06	1181.83	1.715D 09	2837.09	2.407D 08	3707.91	1.245D 08	4422.28	1.120D 08		
918.03	4.305D 06	1194.99	1.618D 09	3017.20	2.052D 08	3710.56	1.209D 08	4586.15	9.936D 07		
919.35	4.695D 06	1208.45	9.836D 08	3121.75	1.876D 08	3711.97	1.201D 08	4762.63	8.738D 07		
919.63	4.769D 06	1215.67	4.520D 07	3121.76	1.878D 08	3713.69	1.214D 08	4861.32	4.612D 07		
920.16	4.820D 06	1216.42	4.532D 07	3169.76	1.804D 08	3716.95	1.237D 08	4892.89	7.855D 07		
920.68	5.067D 06	1217.83	1.103D 08	3264.93	1.669D 08	3720.21	1.170D 08	4953.86	7.652D 07		
920.96	5.193D 06	1219.25	3.101D 08	3365.99	1.540D 08	3721.94	1.144D 08	5016.38	7.342D 07		
921.34	5.297D 06	1220.00	4.568D 08	3421.87	1.474D 08	3724.08	1.189D 08	5050.00	7.179D 07		
922.06	5.330D 06	1223.41	1.041D 09	3421.87	1.484D 08	3728.14	1.253D 08	5123.58	6.836D 07		
922.77	5.637D 06	1229.92	1.438D 09	3530.87	1.363D 08	3732.22	1.145D 08	5269.12	6.214D 07		
923.15	5.764D 06	1236.50	1.529D 09	3606.08	1.287D 08	3734.37	1.079D 08	5423.16	5.631D 07		
923.68	5.893D 06	1240.00	1.546D 09	3647.05	1.248D 08	3737.09	1.181D 08	5508.11	5.338D 07		
924.69	6.551D 06	1249.96	1.556D 09	3647.05	1.248D 08	3742.24	1.299D 08	5665.32	4.846D 07		
925.69	6.508D 06	1269.29	1.530D 09	3647.05	1.194D 08	3747.42	1.124D 08	5989.38	3.999D 07		
926.22	6.655D 06	1289.23	1.491D 09	3649.67	1.190D 08	3750.15	9.841D 07	6352.76	3.258D 07		
927.00	6.819D 06	1300.00	1.468D 09	3654.64	1.191D 08	3753.67	1.181D 08	6562.80	1.983D 07		
928.48	8.961D 06	1315.23	1.432D 09	3659.62	1.190D 08	3760.36	1.381D 08	6797.77	2.571D 07		
929.96	7.322D 06	1348.15	1.366D 09	3662.26	1.207D 08	3767.08	1.157D 08	7292.74	2.008D 07		
930.75	7.459D 06	1381.65	1.299D 09	3665.27	1.218D 08	3770.63	9.185D 07	7865.45	1.536D 07		
931.96	8.444D 06	1400.00	1.264D 09	3673.98	1.243D 08	3775.31	1.237D 08	8205.87	1.324D 07		
934.26	1.520D 07	1419.35	1.226D 09	3676.71	1.270D 08	3784.22	1.481D 08	8205.87	1.298D 07		
936.58	1.021D 07	1457.53	1.160D 09	3679.74	1.282D 08	3793.16	1.211D 08	8862.47	1.092D 07		
937.80	9.119D 06	1497.83	1.094D 09	3680.27	1.285D 08	3797.90	8.556D 07	10448.64	5.942D 06		
939.84	1.644D 07	1520.00	1.059D 09	3681.28	1.288D 08	3804.32	1.315D 08	12726.36	2.841D 06		
943.74	4.681D 07	1545.12	1.021D 09	3682.28	1.291D 08	3816.55	1.571D 08	14380.00	1.793D 06		
947.66	1.979D 07	1595.10	9.514D 08	3682.81	1.293D 08	3828.85	1.326D 08	15890.88	1.256D 06		
949.74	1.020D 07	1648.41	8.837D 08	3683.50	1.294D 08	3835.38	8.253D 07	19843.04	5.359D 05		
953.60	6.149D 07	1678.00	8.489D 08	3684.82	1.296D 08	3844.54	1.439D 08	26411.82	1.787D 05		
961.00	3.397D 08	1723.39	7.981D 08	3686.13	1.297D 08	3862.03	1.618D 08	32000.00	8.458D 04		
968.52	1.519D 08	1816.53	7.072D 08	3686.83	1.298D 08	3879.67	1.417D 08	34121.04	6.582D 04		
972.54	1.420D 07	1920.32	6.221D 08	3687.64	1.298D 08	3889.05	7.882D 07	39024.39	3.888D 04		
981.32	7.187D 08	1980.00	5.791D 08	3689.19	1.298D 08	3902.80	1.506D 08	45573.51	2.114D 04		
998.42	1.389D 09	1991.74	5.712D 08	3690.73	1.294D 08	3929.14	1.599D 08	50000.00	1.467D 04		
1016.12	9.723D 07	2014.39	5.563D 08	3691.55	1.294D 08	3955.84	1.475D 08	54724.75	1.027D 04		
1025.72	1.731D 07	2037.56	5.416D 08	3692.52	1.291D 08	3970.07	7.606D 07	66666.67	4.708D 03		
1037.82	1.305D 09	2050.00	5.340D 08	3694.35	1.288D 08	3992.20	1.504D 08	85275.25	1.775D 03		

TEFF = 18000.0 LOG(G) = 4.50 X = 0.66667 Y = 0.33333

I	TAU	TE	PG	PE	RHO	KAPZ	DF (%)	D	TE	XH2	XHE2	XHE3
1	1.0003-C8	1.092D 04	1.080D-03	5.399D-04	7.994D-16	2.979D-01	-8.376D-02	-2.787D 02	1.000D 00	9.929D-01	9.929D-01	6.067D-13
3	1.0003-C7	1.094D 04	1.064D-02	5.303D-03	7.893D-15	2.962D-01	-8.376D-02	-2.461D 02	1.000D 00	9.362D-01	9.362D-01	6.213D-14
5	1.0003-C6	1.095D 04	1.085D-01	5.301D-02	8.187D-14	2.869D-01	-8.376D-02	-3.102D 02	1.000D 00	6.031D-01	6.031D-01	4.297D-15
7	1.0003-C5	1.100D 04	1.108D 00	5.264D-01	8.546D-13	2.872D-01	-7.454D-02	-4.362D 02	9.997D-01	1.845D-01	1.845D-01	1.403D-16
9	1.0003-C4	1.117D 04	9.325D 00	4.394D 00	7.135D-12	4.003D-01	-8.343D-02	-2.224D 01	9.984D-01	3.134D-01	3.134D-01	8.913D-18
11	1.0003-C3	1.163D 04	5.247D 01	2.466D 01	3.863D-11	9.138D-01	-7.629D-02	-2.343D 02	9.958D-01	1.730D-02	1.730D-02	9.171D-18
13	1.3593-C3	1.202D 04	6.456D 01	3.048D 01	4.596D-11	9.803D-01	-6.477D-02	-4.755D 02	9.969D-01	3.270D-02	3.270D-02	6.587D-17
15	1.8483-C3	1.170D 04	7.847D 01	3.685D 01	5.749D-11	1.213D 00	-4.098D-02	-2.457D 02	9.944D-01	1.359D-02	1.359D-02	6.694D-18
17	2.5123-C3	1.203D 04	9.528D 01	4.480D 01	6.782D-11	1.312D 00	-1.529D-02	-3.089D 02	9.956D-01	2.313D-02	2.313D-02	4.406D-17
19	3.4153-C3	1.191D 04	1.147D 02	5.386D 01	8.257D-11	1.564D 00	-1.069D-02	-1.163D 02	9.939D-01	1.494D-02	1.494D-02	1.366D-17
21	4.6423-C3	1.208D 04	1.378D 02	6.471D 01	9.773D-11	1.749D 00	-2.715D-03	-5.066D 00	9.942D-01	1.811D-02	1.811D-02	3.054D-17
23	6.3103-C3	1.222D 04	1.656D 02	7.777D 01	1.161D-10	1.981D 00	2.819D-02	-4.601D 00	9.941D-01	2.008D-02	2.008D-02	5.167D-17
25	8.5773-C3	1.237D 04	1.989D 02	9.345D 01	1.378D-10	2.242D 00	1.908D-01	-3.060D 00	9.942D-01	2.275D-02	2.275D-02	9.355D-17
27	1.1663-C2	1.252D 04	2.389D 02	1.123D 02	1.634D-10	2.540D 00	3.542D-01	-2.098D 00	9.943D-01	2.598D-02	2.598D-02	1.735D-16
29	1.5853-C2	1.270D 04	2.869D 02	1.349D 02	1.935D-10	2.872D 00	2.916D-01	-6.325D-01	9.942D-01	3.041D-02	3.041D-02	3.483D-16
31	2.1543-C2	1.288D 04	3.444D 02	1.620D 02	2.289D-10	3.248D 00	2.010D-01	1.015D 00	9.942D-01	3.586D-02	3.586D-02	7.162D-16
33	2.9293-C2	1.307D 04	4.134D 02	1.945D 02	2.708D-10	3.678D 00	8.998D-02	2.548D 00	9.941D-01	4.217D-02	4.217D-02	1.463D-15
35	3.9813-C2	1.326D 04	4.960D 02	2.334D 02	3.200D-10	4.167D 00	-2.918D-02	3.380D 00	9.941D-01	4.961D-02	4.961D-02	2.995D-15
37	5.4123-C2	1.346D 04	5.949D 02	2.802D 02	3.780D-10	4.724D 00	-2.233D-02	3.364D 00	9.941D-01	5.840D-02	5.840D-02	6.158D-15
39	7.356D-C2	1.369D 04	7.137D 02	3.364D 02	4.453D-10	5.328D 00	1.126D-02	3.305D 00	9.943D-01	7.186D-02	7.186D-02	1.467D-14
41	1.0003-C1	1.395D 04	8.566D 02	4.044D 02	5.239D-10	5.993D 00	2.730D-02	2.427D 00	9.946D-01	9.087D-02	9.087D-02	3.854D-14
43	1.2593-C1	1.417D 04	9.830D 02	4.547D 02	5.909D-10	6.530D 00	5.555D-02	2.409D 00	9.949D-01	1.108D-01	1.108D-01	8.641D-14
45	1.5853-C1	1.441D 04	1.129D 03	5.149D 02	6.664D-10	7.115D 00	1.083D-01	2.748D 00	9.952D-01	1.356D-01	1.356D-01	1.987D-13
47	1.9953-C1	1.467D 04	1.297D 03	6.356D 02	7.505D-10	7.734D 00	1.702D-01	3.472D 00	9.956D-01	1.690D-01	1.690D-01	4.935D-13
49	2.5123-C1	1.498D 04	1.492D 03	7.108D 02	8.436D-10	8.382D 00	2.458D-01	2.680D 00	9.961D-01	2.150D-01	2.150D-01	1.358D-12
51	3.1623-C1	1.533D 04	1.719D 03	8.226D 02	9.454D-10	9.040D 00	2.058D-01	2.240D-01	9.966D-01	2.814D-01	2.814D-01	4.361D-12
53	3.9813-C1	1.571D 04	1.984D 03	9.539D 02	1.060D-09	9.772D 00	1.743D-01	-1.432D 00	9.971D-01	3.582D-01	3.582D-01	1.353D-11
55	5.0123-C1	1.609D 04	2.291D 03	1.108D 03	1.189D-09	1.059D 01	1.163D-01	-1.728D 00	9.975D-01	4.402D-01	4.402D-01	3.953D-11
57	6.3103-C1	1.650D 04	2.649D 03	1.287D 03	1.334D-09	1.146D 01	1.583D-03	-1.546D 00	9.978D-01	5.273D-01	5.273D-01	1.142D-10
59	7.9433-C1	1.693D 04	3.064D 03	1.497D 03	1.497D-09	1.239D 01	-4.732D-02	-1.068D 00	9.980D-01	6.121D-01	6.121D-01	3.213D-10
61	1.0003-C0	1.739D 04	3.549D 03	1.742D 03	1.680D-09	1.335D 01	-1.910D-01	-5.176D-01	9.980D-01	6.899D-01	6.899D-01	8.967D-10
63	1.2593-C0	1.789D 04	4.116D 03	2.028D 03	1.886D-09	1.434D 01	-3.131D-01	2.042D-01	9.981D-01	7.613D-01	7.613D-01	2.520D-09
65	1.5853-C0	1.842D 04	4.782D 03	2.365D 03	2.121D-09	1.536D 01	-9.529D-02	9.187D-01	9.981D-01	8.206D-01	8.206D-01	6.889D-09
67	1.9953-C0	1.896D 04	5.563D 03	2.759D 03	2.391D-09	1.647D 01	1.311D-01	8.492D-01	9.982D-01	8.661D-01	8.661D-01	1.777D-08
69	2.5123-C0	1.954D 04	6.483D 03	3.221D 03	2.698D-09	1.760D 01	1.238D-01	4.876D-01	9.983D-01	9.026D-01	9.026D-01	4.623D-08
71	3.1623-C0	2.015D 04	7.568D 03	3.766D 03	3.048D-09	1.879D 01	1.265D-01	-4.120D-01	9.983D-01	9.299D-01	9.299D-01	1.183D-07
73	3.9813-C0	2.082D 04	8.850D 03	4.410D 03	3.446D-09	1.999D 01	-2.915D-01	-9.907D-01	9.984D-01	9.506D-01	9.506D-01	3.058D-07
75	5.0123-C0	2.154D 04	1.037D 04	5.171D 03	3.901D-09	2.124D 01	-3.044D-01	-1.035D-01	9.986D-01	9.655D-01	9.655D-01	7.859D-07
77	6.3103-C0	2.222D 04	1.216D 04	6.069D 03	4.432D-09	2.275D 01	4.941D-01	1.772D-01	9.986D-01	9.749D-01	9.749D-01	1.808D-06
79	7.9433-C0	2.293D 04	1.427D 04	7.123D 03	5.036D-09	2.437D 01	3.015D-01	-9.198D-01	9.987D-01	9.816D-01	9.816D-01	4.045D-06
81	1.0003-C0	2.377D 04	1.676D 04	8.367D 03	5.702D-09	2.580D 01	-2.717D-01	-1.754D 00	9.988D-01	9.873D-01	9.873D-01	1.007D-05
83	1.2593-C1	2.472D 04	1.972D 04	9.851D 03	6.453D-09	2.718D 01	-6.829D-01	1.228D-01	9.990D-01	9.914D-01	9.914D-01	2.604D-05
85	1.5853-C1	2.570D 04	2.326D 04	1.162D 04	7.320D-09	2.871D 01	-3.838D-01	2.871D 00	9.990D-01	9.935D-01	9.935D-01	6.452D-05
87	1.9953-C1	2.669D 04	2.747D 04	1.372D 04	8.323D-09	3.047D 01	4.557D-01	3.021D 00	9.990D-01	9.946D-01	9.946D-01	1.498D-04
89	2.5123-C1	2.769D 04	3.244D 04	1.621D 04	9.475D-09	3.246D 01	9.125D-01	-2.209D 00	9.990D-01	9.953D-01	9.953D-01	3.279D-04
91	3.1623-C1	2.884D 04	3.834D 04	1.916D 04	1.075D-08	3.428D 01	-1.372D-02	-4.456D 00	9.991D-01	9.958D-01	9.958D-01	7.627D-04
93	3.9813-C1	3.023D 04	4.538D 04	2.268D 04	1.214D-08	3.586D 01	-6.943D-01	-1.076D 00	9.991D-01	9.954D-01	9.954D-01	1.984D-03
95	5.0123-C1	3.173D 04	5.385D 04	2.692D 04	1.372D-08	3.752D 01	8.634D-03	1.601D 00	9.991D-01	9.930D-01	9.930D-01	5.061D-03
97	6.3103-C1	3.324D 04	6.397D 04	3.199D 04	1.555D-08	3.963D 01	2.391D-01	-8.421D-01	9.992D-01	9.868D-01	9.868D-01	1.172D-02
99	7.9433-C1	3.486D 04	7.600D 04	3.804D 04	1.760D-08	4.196D 01	7.196D-02	3.191D-01	9.992D-01	9.724D-01	9.724D-01	2.635D-02

TEFF = 18000.0 LOG(G) = 4.50 X = 0.66667 Y = 0.33333

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	5.594D 02	1061.56	1.869D 09	2050.00	5.392D 08	3696.18	1.273D 08	4034.83	1.501D 08		
546.43	2.415D 03	1086.41	1.978D 09	2127.72	4.933D 08	3697.15	1.274D 08	4078.38	1.388D 08		
649.38	3.257D 04	1100.00	1.984D 09	2592.47	4.112D 08	3698.31	1.272D 08	4101.73	6.627D 07		
800.11	3.836D 05	1112.26	1.973D 09	2484.88	3.367D 08	3700.50	1.272D 08	4141.06	1.376D 08		
911.76	1.297D 06	1136.26	1.931D 09	2500.00	3.006D 08	3702.69	1.260D 08	4217.72	1.319D 08		
911.76	1.274D 06	1161.33	1.860D 09	2500.00	3.006D 08	3703.85	1.258D 08	4297.27	1.226D 08		
913.07	2.184D 06	1175.00	1.804D 09	2677.27	2.798D 08	3705.25	1.257D 08	4340.46	5.905D 07		
915.54	2.575D 06	1181.83	1.761D 09	2937.09	2.410D 08	3707.91	1.257D 08	4422.28	1.127D 08		
918.03	3.067D 06	1194.99	1.607D 09	3017.20	2.053D 08	3710.56	1.230D 08	4586.15	1.000D 08		
919.35	3.346D 06	1208.45	7.091D 08	3121.75	1.877D 08	3711.97	1.230D 08	4762.63	8.784D 07		
919.63	3.407D 06	1215.67	3.514D 07	3121.76	1.878D 08	3713.69	1.233D 08	4861.32	4.368D 07		
920.16	3.441D 06	1216.42	3.530D 07	3169.76	1.805D 08	3716.95	1.239D 08	4892.89	7.803D 07		
920.68	3.558D 06	1217.83	7.399D 07	3264.93	1.659D 08	3720.21	1.198D 08	4953.86	7.687D 07		
920.96	3.643D 06	1219.25	1.752D 08	3365.99	1.540D 08	3721.94	1.183D 08	5016.38	7.381D 07		
921.34	3.752D 06	1220.00	2.636D 08	3421.87	1.473D 08	3724.08	1.204D 08	5050.00	7.218D 07		
922.77	3.769D 06	1223.41	7.857D 08	3421.87	1.480D 08	3728.14	1.231D 08	5123.58	6.873D 07		
922.77	4.042D 06	1223.92	1.350D 09	3458.74	1.438D 08	3732.22	1.162D 08	5269.12	6.246D 07		
923.15	4.123D 06	1236.50	1.522D 09	3530.87	1.359D 08	3734.37	1.123D 08	5423.16	5.658D 07		
923.68	4.168D 06	1240.00	1.559D 09	3606.08	1.283D 08	3737.09	1.182D 08	5508.11	5.363D 07		
924.69	4.730D 06	1249.96	1.597D 09	3647.05	1.244D 08	3742.24	1.245D 08	5665.32	4.867D 07		
925.69	4.684D 06	1269.29	1.585D 09	3649.67	1.187D 08	3747.42	1.119D 08	5989.38	4.014D 07		
926.22	4.796D 06	1289.23	1.546D 09	3654.64	1.186D 08	3750.15	1.024D 08	6352.76	3.268D 07		
927.00	4.927D 06	1300.00	1.523D 09	3659.62	1.190D 08	3753.67	1.161D 08	6562.80	1.888D 07		
928.48	6.583D 06	1315.23	1.485D 09	3659.62	1.190D 08	3760.36	1.300D 08	6797.77	2.578D 07		
929.96	5.234D 06	1348.15	1.415D 09	3662.26	1.195D 08	3767.08	1.121D 08	7292.74	2.012D 07		
930.75	5.343D 06	1381.65	1.343D 09	3665.27	1.201D 08	3770.63	9.369D 07	7865.45	1.539D 07		
934.26	1.095D 07	1419.35	1.265D 09	3676.71	1.238D 08	3775.31	1.185D 08	8205.87	1.325D 07		
936.58	7.470D 06	1457.53	1.194D 09	3679.74	1.248D 08	3784.22	1.388D 08	8205.87	1.303D 07		
937.80	6.633D 06	1497.83	1.123D 09	3680.27	1.250D 08	3793.16	1.141D 08	8862.47	1.096D 07		
939.84	1.168D 07	1520.00	1.087D 09	3681.28	1.253D 08	3797.90	8.438D 07	10448.64	5.956D 06		
943.74	2.651D 07	1545.12	1.046D 09	3682.28	1.256D 08	3804.32	1.231D 08	12726.36	2.846D 06		
947.66	1.369D 07	1595.10	9.730D 08	3682.81	1.258D 08	3816.55	1.492D 08	14380.00	1.794D 06		
953.60	3.272D 07	1678.00	8.653D 08	3683.50	1.260D 08	3828.85	1.230D 08	15890.88	1.257D 06		
961.00	1.752D 08	1723.39	8.124D 08	3684.82	1.264D 08	3835.38	7.964D 07	19843.04	5.357D 05		
968.52	7.134D 07	1815.53	7.179D 08	3686.13	1.266D 08	3844.54	1.345D 08	26411.82	1.784D 05		
972.54	1.044D 07	1920.32	6.298D 08	3686.83	1.268D 08	3862.03	1.568D 08	32000.00	8.428D 04		
981.32	4.322D 08	1980.00	5.855D 08	3687.64	1.269D 08	3879.67	1.324D 08	34121.04	6.551D 04		
998.42	1.154D 09	1991.74	5.776D 08	3689.19	1.273D 08	3889.05	7.480D 07	39024.39	3.865D 04		
1016.12	6.315D 08	2014.39	5.624D 08	3690.73	1.273D 08	3902.80	1.437D 08	45573.51	2.095D 04		
1025.72	1.281D 07	2037.56	5.473D 08	3691.55	1.275D 08	3929.14	1.581D 08	50000.00	1.453D 04		
				3692.52	1.275D 08	3955.84	1.417D 08	54724.75	1.018D 04		
				3694.35	1.277D 08	3970.07	7.170D 07	66666.67	4.649D 03		
				5.395D 08		3992.20	1.477D 08	85275.25	1.747D 03		

TEFF = 18000.0 LOG(G) = 2.50 X = 1.00000 Y = 0.0											
I	TAU	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.148D 04	6.128D-06	3.064D-06	3.237D-18	3.975D-01	1.689D-02	-4.538D 02	1.000D 00	0.0	0.0
3	1.0000-07	1.148D 04	5.986D-05	2.993D-05	3.161D-17	3.975D-01	1.589D-02	-4.541D 02	1.000D 00	0.0	0.0
5	1.0000-06	1.148D 04	5.971D-04	2.986D-04	3.153D-16	3.975D-01	1.689D-02	-4.573D 02	1.000D 00	0.0	0.0
7	1.0000-05	1.149D 04	5.967D-03	2.983D-03	3.147D-15	3.977D-01	1.689D-02	-4.901D 02	1.000D 00	0.0	0.0
9	1.0000-04	1.115D 04	5.946D-02	2.973D-02	3.234D-14	3.989D-01	1.682D-02	3.076D 02	1.000D 00	0.0	0.0
11	1.0000-03	1.185D 04	5.778D-01	2.889D-01	2.956D-13	4.082D-01	1.656D-02	-5.804D 02	9.999D-01	0.0	0.0
13	1.359D-03	1.154D 04	7.792D-01	3.896D-01	4.094D-13	4.133D-01	1.754D-02	3.273D 02	9.999D-01	0.0	0.0
15	1.848D-03	1.192D 04	1.049D 00	5.246D-01	5.337D-13	4.165D-01	1.596D-02	-1.719D 02	9.999D-01	0.0	0.0
17	2.512D-03	1.207D 04	1.410D 00	7.048D-01	7.080D-13	4.219D-01	1.363D-02	-1.946D 02	9.999D-01	0.0	0.0
19	3.415D-03	1.238D 04	1.890D 00	9.448D-01	9.248D-13	4.274D-01	1.776D-02	-4.211D 02	9.999D-01	0.0	0.0
21	4.642D-03	1.250D 04	2.527D 00	1.264D 00	1.226D-12	4.362D-01	2.020D-02	-4.261D 02	9.999D-01	0.0	0.0
23	6.310D-03	1.271D 04	3.371D 00	1.685D 00	1.608D-12	4.462D-01	2.494D-02	-6.634D 02	9.999D-01	0.0	0.0
25	8.577D-03	1.218D 04	4.470D 00	2.235D 00	2.224D-12	4.723D-01	1.923D-02	5.681D 02	9.998D-01	0.0	0.0
27	1.166D-02	1.238D 04	5.890D 00	2.944D 00	2.883D-12	4.906D-01	1.449D-02	3.105D 02	9.998D-01	0.0	0.0
29	1.585D-02	1.270D 04	7.681D 00	3.840D 00	3.667D-12	5.088D-01	2.259D-02	-3.020D 02	9.998D-01	0.0	0.0
31	2.154D-02	1.249D 04	9.926D 00	4.962D 00	4.816D-12	5.495D-01	3.101D-02	3.615D 02	9.997D-01	0.0	0.0
33	2.929D-02	1.290D 04	1.274D 01	6.368D 00	5.986D-12	5.722D-01	3.445D-02	-1.649D 02	9.997D-01	0.0	0.0
35	3.981D-02	1.301D 04	1.621D 01	8.102D 00	7.553D-12	6.135D-01	3.542D-02	-2.294D 00	9.997D-01	0.0	0.0
37	5.412D-02	1.319D 04	2.044D 01	1.022D 01	9.391D-12	6.569D-01	3.340D-02	-3.756D 00	9.996D-01	0.0	0.0
39	7.356D-02	1.342D 04	2.559D 01	1.279D 01	1.156D-11	7.037D-01	3.030D-02	-4.313D 00	9.996D-01	0.0	0.0
41	1.000D-01	1.371D 04	3.189D 01	1.594D 01	1.410D-11	7.528D-01	1.900D-02	-5.163D 00	9.996D-01	0.0	0.0
43	1.259D-01	1.396D 04	4.753D 01	1.876D 01	1.630D-11	7.910D-01	4.571D-04	-4.967D 00	9.996D-01	0.0	0.0
45	1.585D-01	1.423D 04	4.413D 01	2.206D 01	1.879D-11	8.313D-01	7.362D-03	-4.838D 00	9.996D-01	0.0	0.0
47	1.995D-01	1.454D 04	5.186D 01	2.593D 01	2.162D-11	8.726D-01	3.495D-04	-4.199D 00	9.996D-01	0.0	0.0
49	2.512D-01	1.489D 04	6.097D 01	3.048D 01	2.483D-11	9.143D-01	-3.396D-02	-4.045D 00	9.997D-01	0.0	0.0
51	3.162D-01	1.528D 04	7.178D 01	3.588D 01	2.848D-11	9.566D-01	-8.104D-02	-5.634D 00	9.997D-01	0.0	0.0
53	3.981D-01	1.570D 04	8.465D 01	4.232D 01	3.268D-11	1.001D 00	-9.080D-02	-5.992D 00	9.997D-01	0.0	0.0
55	5.612D-01	1.617D 04	1.000D 02	5.001D 01	3.750D-11	1.048D 00	-1.222D-01	-5.121D 00	9.998D-01	0.0	0.0
57	6.310D-01	1.666D 04	1.184D 02	5.919D 01	4.306D-11	1.097D 00	-1.133D-01	-4.189D 00	9.998D-01	0.0	0.0
59	7.943D-01	1.721D 04	1.404D 02	7.020D 01	4.945D-11	1.147D 00	-2.175D-01	-2.643D 00	9.998D-01	0.0	0.0
61	1.000D 00	1.780D 04	1.669D 02	8.344D 01	5.682D-11	1.201D 00	-4.980D-01	-1.050D 00	9.998D-01	0.0	0.0
63	1.259D 00	1.845D 04	1.989D 02	9.943D 01	6.534D-11	1.256D 00	-4.319D-01	6.255D-01	9.998D-01	0.0	0.0
65	1.585D 00	1.912D 04	2.373D 02	1.186D 02	7.522D-11	1.316D 00	1.665D-01	1.356D 00	9.998D-01	0.0	0.0
67	1.995D 00	1.984D 04	2.833D 02	1.416D 02	8.654D-11	1.380D 00	3.778D-01	1.895D 00	9.998D-01	0.0	0.0
69	2.512D 00	2.061D 04	3.383D 02	1.691D 02	9.947D-11	1.445D 00	3.198D-01	-1.550D-01	9.998D-01	0.0	0.0
71	3.162D 00	2.147D 04	4.041D 02	2.020D 02	1.141D-10	1.508D 00	-6.600D-01	-1.657D 00	9.998D-01	0.0	0.0
73	3.981D 00	2.242D 04	4.835D 02	2.417D 02	1.307D-10	1.570D 00	-1.453D 00	-4.317D-01	9.998D-01	0.0	0.0
75	5.012D 00	2.339D 04	5.798D 02	2.899D 02	1.503D-10	1.642D 00	-6.722D-01	3.441D 00	9.998D-01	0.0	0.0
77	6.310D 00	2.427D 04	6.962D 02	3.481D 02	1.738D-10	1.742D 00	2.225D 00	5.288D 00	9.998D-01	0.0	0.0
79	7.943D 00	2.519D 04	8.322D 02	4.161D 02	2.002D-10	1.844D 00	1.274D 00	2.193D 00	9.998D-01	0.0	0.0
81	1.000D 01	2.638D 04	9.863D 02	4.931D 02	2.266D-10	1.905D 00	-4.597D-01	-2.384D 00	9.999D-01	0.0	0.0
83	1.259D 01	2.787D 04	1.164D 03	5.820D 02	2.532D-10	1.926D 00	-2.401D 00	-1.835D 00	9.999D-01	0.0	0.0
85	1.585D 01	2.939D 04	1.383D 03	6.913D 02	2.852D-10	1.970D 00	-7.705D-01	1.334D 00	9.999D-01	0.0	0.0
87	1.995D 01	3.073D 04	1.662D 03	8.309D 02	3.278D-10	2.081D 00	1.225D 00	3.437D 00	9.999D-01	0.0	0.0
89	2.512D 01	3.193D 04	2.006D 03	1.003D 03	3.808D-10	2.240D 00	1.730D 00	-7.306D-01	9.999D-01	0.0	0.0
91	3.162D 01	3.344D 04	2.391D 03	1.195D 03	4.333D-10	2.348D 00	-3.982D-01	-1.146D-01	9.999D-01	0.0	0.0
93	3.981D 01	3.543D 04	2.806D 03	1.403D 03	4.800D-10	2.375D 00	-8.147D-01	9.986D-01	9.999D-01	0.0	0.0
95	5.012D 01	3.762D 04	3.299D 03	1.649D 03	5.316D-10	2.397D 00	-2.739D-01	-1.478D 00	9.999D-01	0.0	0.0
97	6.310D 01	3.967D 04	3.952D 03	1.976D 03	6.038D-10	2.495D 00	8.396D-02	-3.187D 00	9.999D-01	0.0	0.0
99	7.943D 01	4.169D 04	4.777D 03	2.388D 03	6.944D-10	2.637D 00	1.389D-01	2.170D-01	9.999D-01	0.0	0.0

TEFF = 18000.0 LOG(G) = 2.50 X = 1.00000 Y = 0.0									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	2.667D 03	1061.56	1.499D 09	2050.00	5.715D 08	3696.18	1.293D 08	4034.83	1.418D 08
546.43	1.046D 04	1086.41	1.484D 09	2127.72	5.274D 03	3697.15	1.289D 08	4078.38	1.370D 08
649.38	1.093D 05	1100.00	1.473D 09	2292.47	4.460D 03	3698.31	1.305D 08	4101.73	9.252D 07
800.11	9.304D 05	1112.26	1.462D 09	2484.88	3.689D 08	3700.50	1.402D 08	4141.06	1.310D 09
911.76	2.750D 06	1136.26	1.438D 09	2600.00	3.304D 08	3702.69	1.264D 08	4217.72	1.239D 08
911.76	2.750D 06	1161.33	1.410D 09	2600.00	3.304D 03	3703.85	1.245D 08	4297.27	1.169D 08
913.07	5.565D 06	1175.00	1.395D 09	2677.27	3.072D 08	3705.25	1.302D 08	4340.46	8.028D 07
915.54	7.313D 06	1181.83	1.387D 09	2837.09	2.653D 03	3707.91	1.454D 08	4422.28	1.070D 08
918.03	1.014D 07	1194.99	1.369D 09	3017.20	2.262D 03	3710.56	1.280D 08	4586.15	9.537D 07
919.35	1.215D 07	1208.45	1.317D 09	3121.75	2.068D 03	3711.97	1.212D 08	4762.63	8.458D 07
919.63	1.267D 07	1215.57	3.100D 08	3121.76	2.068D 08	3713.69	1.331D 08	4861.32	5.632D 07
920.16	1.300D 07	1216.42	3.105D 08	3169.76	1.987D 03	3716.95	1.517D 08	4892.89	7.747D 07
920.68	1.457D 07	1217.83	9.147D 08	3264.93	1.836D 03	3720.21	1.307D 08	4953.86	7.452D 07
920.96	1.549D 07	1219.25	1.174D 09	3365.99	1.691D 08	3721.94	1.165D 08	5016.38	7.156D 07
921.34	1.636D 07	1220.00	1.228D 09	3421.87	1.617D 08	3724.08	1.371D 08	5050.00	7.003D 07
922.06	1.667D 07	1223.41	1.306D 09	3421.87	1.617D 03	3728.14	1.581D 08	5123.58	6.682D 07
922.77	1.965D 07	1229.92	1.323D 09	3459.74	1.570D 08	3732.22	1.374D 08	5269.12	6.097D 07
923.15	2.091D 07	1236.50	1.321D 09	3530.87	1.484D 03	3734.37	1.144D 08	5423.16	5.546D 07
923.69	3.035D 07	1240.00	1.318D 09	3606.08	1.400D 03	3737.09	1.447D 08	5508.11	5.268D 07
924.69	3.112D 07	1249.96	1.308D 09	3647.05	1.357D 08	3742.24	1.633D 08	5665.32	4.798D 07
925.69	3.035D 07	1269.29	1.286D 09	3647.05	1.299D 08	3747.42	1.443D 08	5989.38	3.982D 07
926.22	3.272D 07	1289.23	1.262D 09	3649.67	1.297D 03	3750.15	1.116D 08	6352.76	3.262D 07
927.00	3.536D 07	1300.00	1.250D 09	3654.64	1.321D 08	3753.67	1.516D 08	6562.80	2.264D 07
928.48	9.036D 07	1316.23	1.231D 09	3659.62	1.373D 08	3760.36	1.665D 08	6797.77	2.588D 07
929.96	4.408D 07	1348.15	1.193D 09	3662.26	1.406D 08	3767.08	1.527D 08	7292.74	2.030D 07
930.75	4.661D 07	1381.65	1.154D 09	3665.27	1.436D 03	3770.63	1.112D 08	7865.45	1.558D 07
931.96	7.230D 07	1400.00	1.134D 09	3670.98	1.442D 08	3775.31	1.585D 08	8205.87	1.342D 07
934.26	2.998D 08	1419.35	1.112D 09	3676.71	1.397D 08	3784.22	1.672D 08	8205.87	1.281D 07
936.58	1.294D 08	1457.53	1.069D 09	3679.74	1.375D 03	3793.16	1.573D 08	8862.47	1.080D 07
937.80	8.707D 07	1497.83	1.026D 09	3680.27	1.368D 08	3797.99	1.093D 08	10448.64	5.943D 06
939.84	3.503D 08	1520.00	1.002D 09	3681.28	1.363D 03	3804.32	1.610D 08	12726.36	2.865D 06
943.74	7.315D 08	1545.12	9.760D 08	3682.28	1.354D 03	3816.55	1.654D 08	14380.00	1.815D 06
947.66	4.496D 08	1595.10	9.259D 08	3682.81	1.355D 03	3828.85	1.594D 08	15890.88	1.265D 06
949.74	1.032D 08	1648.41	8.750D 08	3683.50	1.351D 03	3835.38	1.089D 08	19843.04	5.435D 05
953.60	8.706D 08	1678.00	8.478D 08	3684.82	1.355D 08	3844.54	1.605D 08	26411.82	1.816D 05
961.00	1.203D 09	1723.39	8.069D 08	3686.13	1.332D 03	3862.03	1.609D 08	32000.00	8.612D 04
968.52	1.127D 09	1816.53	7.305D 08	3686.83	1.335D 03	3879.67	1.566D 08	34121.04	6.710D 04
972.54	1.937D 08	1920.32	6.547D 08	3687.64	1.332D 08	3889.05	1.054D 08	39024.39	3.971D 04
981.32	1.378D 09	1980.00	6.151D 08	3689.19	1.355D 08	3902.80	1.554D 08	45573.51	2.161D 04
998.42	1.473D 09	1991.74	6.073D 08	3690.73	1.304D 03	3929.14	1.534D 08	50000.00	1.504D 04
1016.12	1.451D 09	2014.39	5.931D 08	3691.55	1.309D 08	3955.84	1.496D 08	54724.75	1.052D 04
1025.72	1.547D 08	2037.56	5.790D 08	3692.52	1.307D 03	3970.07	1.019D 08	66666.67	4.843D 03
1037.82	1.479D 09	2050.00	5.715D 08	3694.35	1.370D 08	3992.20	1.462D 08	85275.25	1.825D 03

TEFF = 18000.0 LOG(g) = 3.00

X = 1.00000 Y = 0.0

I	TAU	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	1.0880 04	2.3670-05	1.1840-05	1.3190-17	3.9750-01	5.0420-02	4.1820 02	1.0000 00	0.0	0.0
3	1.0003-07	1.0880 04	2.3220-04	1.1610-04	1.2940-16	3.9750-01	5.0420-02	4.1810 02	1.0000 00	0.0	0.0
5	1.0003-06	1.0880 04	2.3170-03	1.1590-03	1.2910-15	3.9760-01	5.0420-02	4.1670 02	1.0000 00	0.0	0.0
7	1.0003-05	1.0880 04	2.3150-02	1.1570-02	1.2890-14	3.9810-01	5.0420-02	4.0300 02	1.0000 00	0.0	0.0
9	1.0003-04	1.0910 04	2.2960-01	1.1480-01	1.2760-13	4.0320-01	5.0490-02	4.6550 02	9.9990-01	0.0	0.0
11	1.0003-03	1.1480 04	2.1670 00	1.1380 00	1.1440-12	4.4230-01	5.1020-02	3.8930 02	9.9970-01	0.0	0.0
13	1.3593-03	1.1930 04	2.8960 03	1.4480 00	1.4720-12	4.4970-01	5.0660-02	2.9280 02	9.9980-01	0.0	0.0
15	1.8483-03	1.2050 04	3.8550 00	1.9270 00	1.9390-12	4.6460-01	5.0560-02	-2.7530 02	9.9980-01	0.0	0.0
17	2.5123-03	1.1900 04	5.1070 00	2.5530 00	2.6020-12	4.9040-01	5.0620-02	3.4290 02	9.9960-01	0.0	0.0
19	3.4153-03	1.2300 04	6.1720 00	3.3620 00	3.3160-12	5.0650-01	5.1560-02	2.9320 02	9.9970-01	0.0	0.0
21	4.6423-03	1.2170 04	8.7950 00	4.3940 00	4.3800-12	5.4530-01	5.3270-02	2.0600 02	9.9960-01	0.0	0.0
23	6.3103-03	1.2380 04	1.1420 01	5.7100 00	5.5930-12	5.7820-01	5.7360-02	-1.4670 02	9.9960-01	0.0	0.0
25	8.5773-03	1.2420 04	1.4700 01	7.3490 00	7.1760-12	6.2740-01	6.8960-02	-5.2970 01	9.9950-01	0.0	0.0
27	1.1663-02	1.2470 04	1.8750 01	9.3730 00	9.1180-12	6.8680-01	7.0420-02	1.8160 01	9.9940-01	0.0	0.0
29	1.5853-02	1.2570 04	2.3700 01	1.1850 01	1.1430-11	7.5330-01	6.0400-02	-9.7630 00	9.9930-01	0.0	0.0
31	2.1543-02	1.2680 04	2.9700 01	1.4840 01	1.4200-11	8.2990-01	5.5910-02	-7.5830 00	9.9930-01	0.0	0.0
33	2.9293-02	1.2820 04	3.6960 01	1.9470 01	1.7480-11	9.1500-01	4.7750-02	-7.2990 00	9.9920-01	0.0	0.0
35	3.9813-02	1.3000 04	4.5740 01	2.2860 01	2.1330-11	1.0080 00	4.3330-02	-6.2100 00	9.9910-01	0.0	0.0
37	5.4123-02	1.3220 04	5.6380 01	2.8180 01	2.5860-11	1.1080 00	3.6540-02	-5.8960 00	9.9910-01	0.0	0.0
39	7.3563-02	1.3470 04	6.9310 01	3.4640 01	3.1210-11	1.2180 00	3.4960-02	-5.1440 00	9.9910-01	0.0	0.0
41	1.0003-01	1.3760 04	8.5090 01	4.2530 01	3.7490-11	1.3330 00	1.7040-02	-6.0320 00	9.9910-01	0.0	0.0
43	1.2593-01	1.4000 04	9.9190 01	4.9570 01	4.2940-11	1.4260 00	1.0170-02	-5.7340 00	9.9920-01	0.0	0.0
45	1.5853-01	1.4270 04	1.1560 02	5.7780 01	4.9130-11	1.5240 00	2.0480-02	-4.1370 00	9.9920-01	0.0	0.0
47	1.9953-01	1.4550 04	1.3480 02	6.7360 01	5.6160-11	1.6290 00	4.2600-02	-2.1320 00	9.9930-01	0.0	0.0
49	2.5123-01	1.4880 04	1.5720 02	7.8580 01	6.4040-11	1.7320 00	2.7990-02	-2.4670 00	9.9930-01	0.0	0.0
51	3.1623-01	1.5260 04	1.8370 02	9.1840 01	7.2980-11	1.8340 00	1.2530-02	-6.4210 00	9.9940-01	0.0	0.0
53	3.9813-01	1.5670 04	2.1520 02	1.0760 02	8.3230-11	1.9420 00	-3.3030-02	-8.2450 00	9.9950-01	0.0	0.0
55	5.0123-01	1.6090 04	2.5240 02	1.2620 02	9.5110-11	2.0550 00	-1.3240-01	-7.6990 00	9.9950-01	0.0	0.0
57	6.3103-01	1.6530 04	2.9640 02	1.4820 02	1.0870-10	2.1930 00	-2.1990-01	-6.1250 00	9.9960-01	0.0	0.0
59	7.9433-01	1.7010 04	3.4860 02	1.7420 02	1.2420-10	2.3290 00	-3.2780-01	-3.5960 00	9.9960-01	0.0	0.0
61	1.0003 00	1.7520 04	4.1040 02	2.0520 02	1.4200-10	2.4720 00	-5.2690-01	-1.2620 00	9.9960-01	0.0	0.0
63	1.2593 00	1.8080 04	4.8390 02	2.4190 02	1.6220-10	2.6200 00	-4.6150-01	1.1560 00	9.9960-01	0.0	0.0
65	1.5853 00	1.8670 04	5.7130 02	2.8560 02	1.8550-10	2.7770 00	-1.3480-01	3.0510 00	9.9960-01	0.0	0.0
67	1.9953 00	1.9290 04	6.7520 02	3.3750 02	2.1220-10	2.9470 00	-1.3430-01	4.0770 00	9.9960-01	0.0	0.0
69	2.5123 00	1.9950 04	7.9850 02	3.9920 02	2.4260-10	3.1230 00	-5.2400-02	4.0440 00	9.9960-01	0.0	0.0
71	3.1623 00	2.0660 04	9.4540 02	4.7260 02	2.7740-10	3.3070 00	-1.9540-01	3.2180 00	9.9970-01	0.0	0.0
73	3.9813 00	2.1430 04	1.1210 03	5.6020 02	3.1690-10	3.4950 00	-4.4220-01	2.4130 00	9.9970-01	0.0	0.0
75	5.0120 00	2.2240 04	1.3300 03	6.6460 02	3.6240-10	3.7000 00	8.8510-02	2.2760 00	9.9970-01	0.0	0.0
77	6.3103 00	2.3020 04	1.5780 03	7.8870 02	4.1550-10	3.9470 00	1.1320 00	-1.5060-01	9.9970-01	0.0	0.0
79	7.9433 00	2.3850 04	1.8690 03	9.3460 02	4.7520-10	4.1980 00	3.2550-01	-2.4100 00	9.9970-01	0.0	0.0
81	1.0003 01	2.4840 04	2.2130 03	1.1060 03	5.4010-10	4.4070 00	-6.1900-01	-3.0590 00	9.9970-01	0.0	0.0
83	1.2593 01	2.5940 04	2.6230 03	1.3110 03	6.1290-10	4.6030 00	-1.2090 00	1.7780 00	9.9970-01	0.0	0.0
85	1.5853 01	2.7080 04	3.1160 03	1.5580 03	6.9740-10	4.8310 00	-4.4270-01	7.0300 00	9.9970-01	0.0	0.0
87	1.9953 01	2.8210 04	3.7050 03	1.8520 03	7.9620-10	5.1070 00	9.2640-01	6.4010 00	9.9970-01	0.0	0.0
89	2.5123 01	2.9340 04	4.4050 03	2.2020 03	9.1010-10	5.4370 00	1.3270 00	-4.7340 00	9.9970-01	0.0	0.0
91	3.1623 01	3.0670 04	5.2230 03	2.6110 03	1.0320-09	5.7230 00	-1.3330-01	-8.9310 00	9.9970-01	0.0	0.0
93	3.9813 01	3.2290 04	6.1820 03	3.0900 03	1.1600-09	5.9190 00	-9.1780-01	-3.4430 00	9.9970-01	0.0	0.0
95	5.0120 01	3.4040 04	7.3350 03	3.6670 03	1.3060-09	6.1270 00	-6.9200-01	5.0800 00	9.9980-01	0.0	0.0
97	6.3103 01	3.5810 04	8.7260 03	4.3620 03	1.4770-09	6.3930 00	-5.1590-01	4.2550 00	9.9980-01	0.0	0.0
99	7.9433 01	3.7620 04	1.0400 04	5.2010 03	1.6760-09	6.7100 00	-3.5410-01	-9.3000-01	9.9980-01	0.0	0.0

TEFF = 18000.0 LOG(G) = 3.00 X = 1.00000 Y = 0.0

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.5940 03	1061.56	1.6730 09	2050.00	5.4880 08	3696.18	1.2240 08	4034.83	1.4590 08
546.43	5.9750 03	1086.41	1.6650 09	2127.72	5.0410 08	3697.15	1.2280 08	4078.38	1.4020 08
649.38	6.9290 04	1100.00	1.6520 09	2292.47	4.2280 08	3698.31	1.2330 08	4101.73	8.1380 07
800.11	6.7980 05	1112.26	1.6370 09	2484.88	3.4750 08	3700.50	1.2790 08	4141.06	1.3440 08
911.76	1.9660 06	1135.26	1.6050 09	2600.00	3.1050 08	3702.69	1.1990 08	4217.72	1.2700 08
911.76	1.9630 06	1161.33	1.5670 09	2600.00	3.1050 08	3703.85	1.1920 08	4297.27	1.1950 08
913.07	4.4050 06	1175.00	1.5440 09	2677.27	2.8850 08	3705.25	1.2220 08	4340.46	7.1210 07
915.54	5.6230 06	1181.83	1.5290 09	2837.09	2.4890 08	3707.91	1.3080 08	4422.28	1.0910 08
918.03	6.4330 06	1194.99	1.4980 09	3017.20	2.1210 08	3710.56	1.1880 08	4586.15	9.6970 07
919.35	7.3710 06	1208.45	1.3390 09	3121.75	1.9390 08	3711.97	1.1500 08	4762.63	8.5650 07
919.63	7.5440 06	1215.67	1.0310 08	3121.76	1.9390 08	3713.69	1.2240 08	4861.32	5.1060 07
920.16	7.6760 06	1216.42	1.0330 08	3169.76	1.8630 08	3716.95	1.3590 08	4892.89	7.8080 07
920.68	8.1910 06	1217.83	4.7210 08	3264.93	1.7230 03	3720.21	1.1820 08	4953.86	7.5210 07
920.96	8.4560 06	1219.25	9.2930 08	3365.99	1.5880 08	3721.94	1.0860 08	5016.38	7.2170 07
921.34	8.7030 06	1220.00	1.0770 09	3421.87	1.5200 08	3724.08	1.2330 08	5050.00	7.0590 07
922.06	8.8020 06	1223.41	1.3400 09	3421.87	1.5200 08	3728.14	1.4320 08	5123.58	6.7270 07
922.77	9.5900 06	1229.92	1.4230 09	3458.74	1.4760 08	3732.22	1.2190 08	5269.12	6.1260 07
923.15	9.9140 06	1236.50	1.4320 09	3530.87	1.3960 08	3734.37	1.0440 08	5423.16	5.5620 07
923.63	1.0240 07	1240.00	1.4310 09	3606.08	1.3190 08	3737.09	1.2880 08	5508.11	5.2780 07
924.69	1.2130 07	1249.96	1.4200 09	3647.05	1.2790 08	3742.24	1.5150 08	5665.32	4.7990 07
925.69	1.2010 07	1269.29	1.3930 09	3647.05	1.2230 03	3747.42	1.2700 08	5989.38	3.9700 07
926.22	1.2480 07	1289.23	1.3620 09	3649.67	1.2210 03	3750.15	9.9620 07	6352.76	3.2430 07
927.00	1.2990 07	1300.00	1.3450 09	3654.64	1.2320 03	3753.67	1.3550 08	6562.80	2.1250 07
928.48	2.1710 07	1316.23	1.3190 09	3659.62	1.2620 08	3760.36	1.5920 08	6797.77	2.5660 07
929.96	1.4630 07	1348.15	1.2700 09	3662.26	1.2850 08	3767.08	1.3680 08	7292.74	2.0070 07
930.75	1.5090 07	1381.65	1.2200 09	3665.27	1.3130 08	3770.63	9.7760 07	7865.45	1.5380 07
931.96	1.9110 07	1400.00	1.1930 09	3670.98	1.3550 08	3775.31	1.4600 08	8205.87	1.3240 07
934.26	6.6980 07	1419.35	1.1640 09	3676.71	1.3550 08	3784.22	1.6450 08	8862.47	1.0820 07
936.58	2.7950 07	1457.53	1.1110 09	3679.74	1.3390 08	3793.16	1.4530 08	10448.64	5.9160 06
937.80	2.1680 07	1497.83	1.0580 09	3680.27	1.3330 08	3797.90	9.5140 07	12726.36	2.8400 06
939.84	7.8990 07	1520.00	1.0290 09	3681.28	1.3260 08	3804.32	1.5360 08	14380.00	1.7950 06
943.74	3.0430 08	1545.12	9.9690 08	3682.28	1.3190 08	3816.55	1.6650 08	15890.88	1.2550 06
947.66	1.1040 08	1595.10	9.3780 08	3682.81	1.3170 08	3828.85	1.5360 08	19843.04	5.3700 05
949.74	2.5040 07	1648.41	8.7840 08	3683.50	1.3110 08	3835.38	9.4180 07	26411.82	1.7940 05
953.60	4.0970 08	1679.00	8.4720 08	3684.82	1.3040 08	3844.54	1.5890 08	32000.00	8.5040 04
961.00	9.3050 08	1723.39	8.0130 08	3686.13	1.2890 08	3852.03	1.6430 08	34121.04	6.6200 04
968.52	7.2820 08	1816.53	7.1670 08	3686.66	1.2880 08	3879.67	1.5540 07	39024.39	3.9170 04
972.54	4.3050 07	1920.32	6.3540 08	3687.64	1.2820 08	3899.05	9.1370 07	45573.51	2.1320 04
981.32	1.2760 09	1980.00	5.9360 08	3689.19	1.2820 08	3902.80	1.5730 08	50000.00	1.4810 04
998.42	1.5440 09	1991.74	5.8580 08	3690.73	1.2540 08	3929.14	1.5760 08	54724.75	1.0390 04
1016.12	1.4550 08	2014.39	5.7120 08	3691.55	1.2550 08	3955.84	1.5190 08	66666.67	4.7680 03
1025.72	4.1440 07	2037.56	5.5670 08	3692.52	1.2510 03	3970.07	8.8810 07	85275.25	1.8000 03
1037.82	1.5610 09	2050.00	5.4910 08	3694.35	1.2720 08	3992.20	1.4970 08		

TESE = 18000.0 LOG(G) = 3.50 X = 1.00000 Y = 0.0											
I	TAU	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	1.116D 04	7.915D-05	3.957D-05	4.300D-17	3.975D-01	-1.592D-01	-2.884D 02	1.000D 00	0.0	0.0
3	1.0003-07	1.116D 04	7.772D-04	3.886D-04	4.230D-16	3.975D-01	-1.592D-01	-2.880D 02	1.000D 00	0.0	0.0
5	1.0003-06	1.118D 04	7.756D-03	3.878D-03	4.204D-15	3.977D-01	-1.592D-01	-3.421D 02	1.000D 00	0.0	0.0
7	1.0003-05	1.122D 04	7.737D-02	3.868D-02	4.181D-14	3.993D-01	-1.592D-01	-4.069D 02	1.000D 00	0.0	0.0
9	1.0003-04	1.083D 04	7.561D-01	3.780D-01	4.232D-13	4.168D-01	-1.500D-01	5.049D 02	9.997D-01	0.0	0.0
11	1.0003-03	1.151D 04	6.572D 00	3.285D 00	3.462D-12	5.321D-01	-8.044D-02	5.367D 02	9.992D-01	0.0	0.0
13	1.3593-03	1.214D 04	8.619D 00	4.308D 00	4.303D-12	5.835D-01	-1.393D-01	-6.588D 02	9.992D-01	0.0	0.0
15	1.8483-03	1.181D 04	1.119D 01	5.592D 00	5.742D-12	6.061D-01	-1.388D-01	-6.411D 02	9.992D-01	0.0	0.0
17	2.5123-03	1.231D 04	1.446D 01	7.230D 00	7.126D-12	6.311D-01	-5.309D-02	-6.677D 02	9.994D-01	0.0	0.0
19	3.4153-03	1.235D 04	1.845D 01	9.224D 00	9.059D-12	6.917D-01	-6.360D-02	-3.061D 02	9.993D-01	0.0	0.0
21	4.6423-03	1.250D 04	2.337D 01	1.168D 01	1.134D-11	7.552D-01	-1.706D-01	1.696D 02	9.993D-01	0.0	0.0
23	6.3103-03	1.213D 04	2.930D 01	1.464D 01	1.465D-11	8.947D-01	-1.930D-01	5.657D 02	9.986D-01	0.0	0.0
25	8.5773-03	1.248D 04	3.666D 01	1.832D 01	1.782D-11	9.616D-01	-1.638D-01	3.886D 00	9.989D-01	0.0	0.0
27	1.1663-02	1.239D 04	4.529D 01	2.263D 01	2.218D-11	1.112D 00	-1.307D-01	9.032D 00	9.985D-01	0.0	0.0
29	1.5853-02	1.251D 04	5.560D 01	2.778D 01	2.696D-11	1.245D 00	-3.257D-01	1.194D 01	9.984D-01	0.0	0.0
31	2.154D-02	1.266D 04	6.802D 01	3.398D 01	3.258D-11	1.390D 00	-3.101D-01	3.573D 01	9.984D-01	0.0	0.0
33	2.929D-02	1.284D 04	8.300D 01	4.147D 01	3.920D-11	1.552D 00	-1.651D-01	2.369D 01	9.983D-01	0.0	0.0
35	3.9813-02	1.304D 04	1.011D 02	5.051D 01	4.703D-11	1.730D 00	-1.479D-01	2.439D 01	9.983D-01	0.0	0.0
37	5.4123-02	1.327D 04	1.230D 02	6.145D 01	5.625D-11	1.928D 00	-2.412D-01	3.204D 01	9.983D-01	0.0	0.0
39	7.3563-02	1.352D 04	1.495D 02	7.471D 01	6.711D-11	2.142D 00	-2.281D-01	2.787D 01	9.983D-01	0.0	0.0
41	1.0003-01	1.380D 04	1.818D 02	9.082D 01	7.989D-11	2.375D 00	8.704D-03	2.357D 01	9.984D-01	0.0	0.0
43	1.259D-01	1.404D 04	2.105D 02	1.052D 02	9.095D-11	2.562D 00	3.328D-01	2.037D 01	9.985D-01	0.0	0.0
45	1.5853-01	1.429D 04	2.439D 02	1.218D 02	1.035D-10	2.761D 00	-1.029D-01	3.005D 01	9.986D-01	0.0	0.0
47	1.9953-01	1.458D 04	2.827D 02	1.413D 02	1.176D-10	2.964D 00	-4.532D-01	3.159D 01	9.987D-01	0.0	0.0
49	2.5123-01	1.488D 04	3.281D 02	1.640D 02	1.337D-10	3.182D 00	-1.535D-01	1.993D 01	9.988D-01	0.0	0.0
51	3.1623-01	1.522D 04	3.813D 02	1.905D 02	1.519D-10	3.406D 00	4.509D-02	1.490D 01	9.989D-01	0.0	0.0
53	3.981D-01	1.559D 04	4.437D 02	2.217D 02	1.726D-10	3.639D 00	5.241D-01	3.168D 01	9.990D-01	0.0	0.0
55	5.0123-01	1.599D 04	5.172D 02	2.585D 02	1.962D-10	3.885D 00	2.471D 00	2.907D 01	9.991D-01	0.0	0.0
57	6.310D-01	1.642D 04	6.040D 02	3.019D 02	2.231D-10	4.141D 00	1.419D 00	2.384D 01	9.993D-01	0.0	0.0
59	7.9433-01	1.688D 04	7.065D 02	3.531D 02	2.538D-10	4.414D 00	6.129D-01	7.870D 09	9.994D-01	0.0	0.0
61	1.0003 00	1.737D 04	8.276D 02	4.113D 02	2.889D-10	4.702D 00	-2.295D 00	1.338D 01	9.994D-01	0.0	0.0
63	1.2593 00	1.790D 04	9.711D 02	4.854D 02	3.289D-10	5.002D 00	-1.120D 00	2.367D 01	9.994D-01	0.0	0.0
65	1.5853 00	1.845D 04	1.141D 03	5.703D 02	3.749D-10	5.326D 00	2.096D 00	4.379D 01	9.994D-01	0.0	0.0
67	1.9953 00	1.902D 04	1.342D 03	6.708D 02	4.277D-10	5.685D 00	1.104D 01	5.697D 00	9.994D-01	0.0	0.0
69	2.5123 00	1.962D 04	1.579D 03	7.894D 02	4.879D-10	6.067D 00	1.002D 01	-4.694D 01	9.994D-01	0.0	0.0
71	3.1623 00	2.026D 04	1.859D 03	9.294D 02	5.565D-10	6.474D 00	8.715D 00	-1.126D 02	9.994D-01	0.0	0.0
73	3.9813 00	2.096D 04	2.191D 03	1.095D 03	6.337D-10	6.874D 00	1.555D 00	-1.236D 02	9.994D-01	0.0	0.0
75	5.0123 00	2.173D 04	2.585D 03	1.292D 03	7.211D-10	7.270D 00	9.031D 00	-1.198D 02	9.995D-01	0.0	0.0
77	6.3103 00	2.247D 04	3.054D 03	1.526D 03	8.239D-10	7.772D 00	2.767D 01	-1.726D 02	9.995D-01	0.0	0.0
79	7.9433 00	2.319D 04	3.603D 03	1.801D 03	9.418D-10	8.343D 00	3.333D 01	-3.540D 02	9.995D-01	0.0	0.0
81	1.0003 01	2.403D 04	4.248D 03	2.124D 03	1.072D-09	8.863D 00	3.185D 01	-5.608D 02	9.995D-01	0.0	0.0
83	1.2593 01	2.503D 04	5.014D 03	2.507D 03	1.214D-09	9.301D 00	1.957D 00	-6.784D 02	9.995D-01	0.0	0.0
85	1.5853 01	2.612D 04	5.934D 03	2.966D 03	1.377D-09	9.755D 00	-6.502D-01	-5.967D 02	9.996D-01	0.0	0.0
87	1.9953 01	2.717D 04	7.031D 03	3.515D 03	1.568D-09	1.033D 01	2.615D 00	-5.289D 02	9.996D-01	0.0	0.0
89	2.512D 01	2.814D 04	8.333D 03	4.165D 03	1.795D-09	1.108D 01	-2.077D 01	-3.384D 02	9.996D-01	0.0	0.0
91	3.1623 01	2.932D 04	9.857D 03	4.927D 03	2.038D-09	1.172D 01	-1.990D 01	-7.754D 01	9.996D-01	0.0	0.0
93	3.9813 01	3.082D 04	1.166D 04	5.828D 03	2.293D-09	1.217D 01	-1.327D 01	1.775D 02	9.996D-01	0.0	0.0
95	5.0123 01	3.244D 04	1.383D 04	6.915D 03	2.585D-09	1.264D 01	-1.741D 01	4.112D 02	9.996D-01	0.0	0.0
97	6.3103 01	3.401D 04	1.644D 04	8.220D 03	2.931D-09	1.330D 01	-1.760D 01	6.281D 02	9.996D-01	0.0	0.0
99	7.9433 01	3.567D 04	1.956D 04	9.779D 03	3.324D-09	1.401D 01	-1.781D 01	8.290D 02	9.996D-01	0.0	0.0



TEFF = 18000.0				LOG(G) =		X =		Y =		0.0	
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	7.686D 02	1061.56	1.775D 09	2050.00	5.363D 08	3696.19	1.216D 08	4034.83	1.475D 08		
546.43	3.487D 03	1086.41	1.816D 09	2127.72	4.095D 08	3697.15	1.218D 08	4078.38	1.407D 08		
649.38	5.293D 04	1100.00	1.806D 09	2292.47	4.099D 08	3698.31	1.216D 08	4101.73	7.481D 07		
800.11	5.707D 05	1112.26	1.787D 09	2484.88	3.358D 08	3700.50	1.231D 08	4141.06	1.356D 08		
911.76	1.982D 06	1136.26	1.748D 09	2650.00	3.002D 08	3702.69	1.184D 08	4217.72	1.283D 08		
911.76	1.988D 06	1161.33	1.694D 09	2600.00	3.002D 08	3703.85	1.179D 08	4297.27	1.204D 08		
913.07	2.683D 06	1175.00	1.661D 09	2677.27	2.789D 08	3705.25	1.197D 08	4340.46	6.592D 07		
915.54	4.170D 06	1181.83	1.642D 09	2837.09	2.407D 08	3707.91	1.239D 08	4422.28	1.100D 08		
918.03	5.137D 06	1194.99	1.584D 09	3017.20	2.051D 08	3710.56	1.164D 08	4586.15	9.776D 07		
919.35	5.598D 06	1208.45	1.231D 09	3121.75	1.875D 08	3711.97	1.143D 08	4762.63	8.611D 07		
919.63	5.732D 06	1215.67	6.034D 07	3121.76	1.875D 08	3713.69	1.187D 08	4861.32	4.809D 07		
920.16	5.709D 06	1216.42	6.006D 07	3169.76	1.801D 08	3716.95	1.261D 08	4892.89	7.804D 07		
920.68	5.769D 06	1217.83	2.140D 08	3264.93	1.668D 08	3720.21	1.137D 08	4953.86	7.541D 07		
920.96	5.940D 06	1219.25	5.826D 08	3365.99	1.539D 08	3721.94	1.079D 08	5016.38	7.237D 07		
921.34	6.238D 06	1220.00	7.697D 08	3421.87	1.472D 08	3724.08	1.174D 08	5050.00	7.079D 07		
922.05	6.418D 06	1223.41	1.255D 09	3421.97	1.472D 08	3728.14	1.313D 08	5123.58	6.740D 07		
922.77	6.691D 06	1229.92	1.467D 09	3458.74	1.431D 08	3732.22	1.143D 08	5269.12	6.139D 07		
923.15	6.617D 06	1236.50	1.505D 09	3530.87	1.352D 08	3734.37	1.021D 08	5423.16	5.562D 07		
923.68	6.918D 06	1240.00	1.514D 09	3606.08	1.278D 08	3737.09	1.200D 08	5508.11	5.278D 07		
924.69	8.094D 06	1249.96	1.510D 09	3647.05	1.239D 08	3742.24	1.392D 08	5665.32	4.792D 07		
925.69	7.954D 06	1269.29	1.475D 09	3647.05	1.185D 08	3747.42	1.165D 08	5989.38	3.960D 07		
926.22	8.135D 06	1289.23	1.438D 09	3649.67	1.183D 08	3750.15	9.522D 07	6352.76	3.230D 07		
927.00	8.376D 06	1300.00	1.415D 09	3654.64	1.187D 08	3753.67	1.237D 08	6562.80	2.038D 07		
928.48	1.188D 07	1316.23	1.386D 09	3659.62	1.208D 08	3760.36	1.438D 08	6797.77	2.554D 07		
929.96	9.078D 06	1348.15	1.327D 09	3662.26	1.221D 08	3767.08	1.243D 08	7292.74	1.995D 07		
930.75	9.291D 06	1381.65	1.265D 09	3665.27	1.239D 08	3770.63	9.169D 07	7865.45	1.528D 07		
931.96	1.098D 07	1400.00	1.233D 09	3670.98	1.280D 08	3775.31	1.333D 08	8205.87	1.314D 07		
934.26	2.509D 07	1419.35	1.201D 09	3676.71	1.305D 08	3784.22	1.571D 08	8205.87	1.285D 07		
936.58	1.417D 07	1457.53	1.139D 09	3679.74	1.308D 08	3793.16	1.324D 08	8862.47	1.081D 07		
937.80	1.212D 07	1497.83	1.078D 09	3680.27	1.306D 08	3797.90	8.799D 07	10448.64	5.899D 06		
939.84	2.845D 07	1520.00	1.046D 09	3681.28	1.306D 08	3804.32	1.427D 08	12726.36	2.825D 06		
943.74	1.091D 08	1545.12	1.010D 09	3682.28	1.303D 08	3816.55	1.628D 08	14390.00	1.784D 06		
947.66	3.706D 07	1595.10	9.442D 08	3682.81	1.302D 08	3828.95	1.440D 08	15890.88	1.249D 06		
949.74	1.373D 07	1648.41	8.795D 08	3683.50	1.299D 08	3835.38	8.631D 07	19843.04	5.335D 05		
953.60	1.536D 08	1678.00	8.458D 08	3684.82	1.295D 08	3844.54	1.524D 08	26411.82	1.785D 05		
961.00	6.091D 08	1723.39	7.973D 08	3686.13	1.285D 08	3862.03	1.635D 08	32000.00	8.448D 04		
968.52	3.526D 08	1816.53	7.079D 08	3686.83	1.282D 08	3879.67	1.494D 08	34121.04	6.578D 04		
972.54	2.059D 07	1920.32	6.234D 08	3687.64	1.277D 08	3889.05	8.332D 07	39024.39	3.872D 04		
981.32	1.032D 09	1980.00	5.812D 08	3687.64	1.275D 08	3902.80	1.547D 08	45573.51	2.120D 04		
998.42	1.456D 09	1991.74	5.738D 08	3690.73	1.257D 08	3929.14	1.587D 08	50000.00	1.462D 04		
1016.12	1.280D 07	2014.39	5.585D 08	3691.55	1.255D 08	3955.84	1.502D 08	54724.75	1.030D 04		
1025.72	2.311D 07	2037.56	5.437D 08	3692.52	1.248D 08	3970.07	8.122D 07	66666.67	4.685D 03		
1037.82	1.510D 09	2050.00	5.363D 08	3694.35	1.247D 08	3992.20	1.503D 08	85275.25	1.768D 03		

TEFF = 18000.0 LOG(G) = 4.00 X = 1.00000 Y = 0.0											
I	TAU	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0003-C8	1.1040	2.5460-C4	1.2730-C4	1.398D-16	3.975D-01	-1.685D-01	-2.235D 02	1.000D 00	0.0	0.0
3	1.0003-C7	1.1040	2.501D-C3	1.250D-03	1.373D-15	3.976D-01	-1.685D-01	-2.173D 02	1.000D 00	0.0	0.0
5	1.0003-C6	1.1024	2.494D-C2	1.247D-02	1.372D-14	3.981D-01	-1.685D-01	-1.678D 02	1.000D 00	0.0	0.0
7	1.0003-C5	1.1080	2.476D-01	1.238D-01	1.355D-13	4.034D-01	-1.761D-01	-2.384D 02	9.999D-01	0.0	0.0
9	1.0003-C4	1.0870	2.325D 00	1.162D 00	1.296D-12	4.561D-01	-1.715D-01	5.070D 02	9.993D-01	0.0	0.0
11	1.0003-C3	1.1670	1.725D 01	8.619D 00	8.968D-12	7.336D-01	-5.276D-01	5.441D 02	9.985D-01	0.0	0.0
13	1.3593-C3	1.214D 04	2.199D 01	1.099D 01	1.099D-11	7.699D-01	-6.152D-01	-6.587D 02	9.990D-01	0.0	0.0
15	1.8483-C3	1.182D 04	2.760D 01	1.379D 01	1.416D-11	9.100D-01	-2.633D-01	-6.416D 02	9.981D-01	0.0	0.0
17	2.5123-C3	1.214D 04	3.449D 01	1.723D 01	1.723D-11	9.807D-01	-8.859D-02	-6.588D 02	9.984D-01	0.0	0.0
19	3.4153-C3	1.200D 04	4.265D 01	2.130D 01	2.156D-11	1.148D 00	2.264D 00	-2.215D 02	9.977D-01	0.0	0.0
21	4.642D-C3	1.226D 04	5.241D 01	2.618D 01	2.593D-11	1.253D 00	2.252D 00	-2.615D 02	9.980D-01	0.0	0.0
23	6.310D-C3	1.219D 04	6.423D 01	3.207D 01	3.196D-11	1.466D 00	4.932D-01	1.415D 01	9.974D-C1	0.0	0.0
25	8.5773-C3	1.228D 04	7.814D 01	3.901D 01	3.862D-11	1.665D 00	5.338D-01	2.162D 01	9.972D-C1	0.0	0.0
27	1.1663-C2	1.242D 04	9.479D 01	4.733D 01	4.634D-11	1.878D 00	-1.297D-01	1.213D 01	9.971D-01	0.0	0.0
29	1.5853-C2	1.257D 04	1.148D 02	5.732D 01	5.543D-11	2.114D 00	-1.810D-01	3.307D 01	9.971D-C1	0.0	0.0
31	2.154D-C2	1.274D 04	1.389D 02	6.934D 01	6.617C-11	2.379D 00	-7.979D-01	2.139D 01	9.970D-C1	0.0	0.0
33	2.9293-C2	1.293D 04	1.679D 02	8.381D 01	7.883D-11	2.677D 00	-4.268D-01	3.079D 01	9.970D-C1	0.0	0.0
35	3.981D-C2	1.313D 04	2.027D 02	1.012D 02	9.373D-11	3.008D 00	-1.459D-01	1.494D 01	9.970D-C1	0.0	0.0
37	5.412D-C2	1.335D 04	2.447D 02	1.222D 02	1.113D-10	3.376D 00	-2.148D-01	4.293D 01	9.970D-C1	0.0	0.0
39	7.3563-C2	1.359D 04	2.954D 02	1.475D 02	1.319D-10	3.780D 00	-5.135D-02	2.144D 01	9.971D-C1	0.0	0.0
41	1.0003-C1	1.385D 04	3.568D 02	1.781D 02	1.563D-10	4.227D 00	5.298D-03	2.333D 01	9.972D-C1	0.0	0.0
43	1.2593-C1	1.408D 04	4.112D 02	2.053D 02	1.772D-10	4.581D 00	1.259D-01	2.674D 01	9.973D-C1	0.0	0.0
45	1.5853-C1	1.432D 04	4.743D 02	2.369D 02	2.010D-10	4.950D 00	2.620D-01	2.690D 01	9.975D-C1	0.0	0.0
47	1.9953-C1	1.458D 04	5.475D 02	2.735D 02	2.278D-10	5.360D 00	4.130D-01	2.777D 01	9.977D-C1	0.0	0.0
49	2.512D-C1	1.489D 04	6.328D 02	3.160D 02	2.579D-10	5.760D 00	3.284D-03	1.836D 01	9.979D-C1	0.0	0.0
51	3.162D-C1	1.524D 04	7.328D 02	3.661D 02	2.918D-10	6.160D 00	5.671D-01	6.882D 00	9.981D-C1	0.0	0.0
53	3.981D-C1	1.561D 04	8.507D 02	4.250D 02	3.305D-10	6.582D 00	2.229D-01	1.663D 01	9.984D-C1	0.0	0.0
55	5.012D-C1	1.600D 04	9.892D 02	4.943D 02	3.750D-10	7.053D 00	3.031D 00	1.869D 01	9.986D-C1	0.0	0.0
57	6.310D-C1	1.641D 04	1.152D 03	5.756D 02	4.257D-10	7.555D 00	2.294D 00	1.038D 01	9.988D-C1	0.0	0.0
59	7.943D-C1	1.684D 04	1.343D 03	6.713D 02	4.836D-10	8.091D 00	2.069D 00	7.189D 00	9.989D-C1	0.0	0.0
61	1.0003-C0	1.731D 04	1.568D 03	7.838D 02	5.495D-10	8.652D 00	3.550D-01	-9.937D-01	9.990D-C1	0.0	0.0
63	1.2593-C0	1.781D 04	1.834D 03	9.167D 02	6.244D-10	9.235D 00	-1.304D 00	8.273D 00	9.990D-C1	0.0	0.0
65	1.5853-C0	1.834D 04	2.148D 03	1.073D 03	7.100D-10	9.859D 00	1.144D 00	1.816D 01	9.990D-C1	0.0	0.0
67	1.995D 00	1.889D 04	2.517D 03	1.258D 03	8.081D-10	1.055D 01	1.231D 01	-2.341D 01	9.990D-C1	0.0	0.0
69	2.512D 00	1.948D 04	2.953D 03	1.476D 03	9.193D-10	1.126D 01	1.223D 01	-7.897D 01	9.990D-C1	0.0	0.0
71	3.162D 00	2.009D 04	3.467D 03	1.732D 03	1.046D-09	1.203D 01	7.517D 00	-1.330D 02	9.991D-C1	0.0	0.0
73	3.981D 00	2.076D 04	4.074D 03	2.036D 03	1.190D-09	1.281D 01	1.706D 00	-1.389D 02	9.991D-C1	0.0	0.0
75	5.012D 00	2.147D 04	4.792D 03	2.395D 03	1.353D-09	1.363D 01	5.750D 00	-1.501D 02	9.991D-C1	0.0	0.0
77	6.310D 00	2.216D 04	5.640D 03	2.819D 03	1.543D-09	1.461D 01	2.028D 01	-1.717D 02	9.992D-C1	0.0	0.0
79	7.943D 00	2.287D 04	6.634D 03	3.316D 03	1.759D-C9	1.567D 01	2.847D 01	-3.127D 02	9.992D-C1	0.0	0.0
81	1.0003-C1	2.371D 04	7.806D 03	3.901D 03	1.996D-C9	1.661D 01	1.978D 01	-4.651D 02	9.993D-C1	0.0	0.0
83	1.2593-C1	2.464D 04	9.201D 03	4.599D 03	2.264D-C9	1.753D 01	5.935D 00	-5.588D 02	9.993D-C1	0.0	0.0
85	1.585D 01	2.562D 04	1.086D 04	5.429D 03	2.570D-09	1.853D 01	-1.734D 00	-4.887D 02	9.994D-C1	0.0	0.0
87	1.995D 01	2.663D 04	1.284D 04	6.416D 03	2.922D-C9	1.965D 01	1.396D 00	-4.327D 02	9.994D-C1	0.0	0.0
89	2.512D 01	2.764D 04	1.517D 04	7.584D 03	3.327D-C9	2.091D 01	-1.978D 01	-2.668D 02	9.994D-C1	0.0	0.0
91	3.162D 01	2.879D 04	1.794D 04	8.968D 03	3.777D-C9	2.209D 01	-1.926D 01	-2.630D 01	9.994D-C1	0.0	0.0
93	3.981D 01	3.017D 04	2.1123D 04	1.061D 04	4.266D-09	2.314D 01	-1.812D 01	2.095D 02	9.994D-C1	0.0	0.0
95	5.012D 01	3.166D 04	2.518D 04	1.259D 04	4.822D-09	2.422D 01	-1.746D 01	4.289D 02	9.994D-C1	0.0	0.0
97	6.310D 01	3.318D 04	2.991D 04	1.495D 04	5.465D-09	2.550D 01	-1.713D 01	6.304D 02	9.994D-C1	0.0	0.0
99	7.943D 01	3.479D 04	3.555D 04	1.777D 04	6.194D-09	2.685D 01	-1.754D 01	8.218D 02	9.995D-C1	0.0	0.0

TEFF = 18000.0			LOG(G) =		X =		Y =		0.0	
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM
504.26	7.859D 02	1061.56	1.811D 09	2050.00	5.333D 03	3696.18	1.245D 08	4034.83	1.483D 08	
546.43	3.438D 03	1086.41	1.930D 09	2127.72	4.878D 03	3697.15	1.244D 08	4078.38	1.397D 08	
649.38	4.458D 04	1100.00	1.923D 09	2292.47	4.066D 08	3698.31	1.237D 08	4101.73	7.081D 07	
800.11	5.071D 05	1112.26	1.910D 09	2484.88	3.330D 03	3700.50	1.237D 08	4141.06	1.362D 08	
911.76	1.756D 06	1136.26	1.863D 09	2600.00	2.977D 03	3702.69	1.206D 08	4217.72	1.295D 08	
911.76	1.732D 06	1161.33	1.800D 09	2600.00	2.975D 03	3703.85	1.203D 08	4297.27	1.210D 08	
913.07	2.671D 06	1175.00	1.757D 09	2677.27	2.762D 03	3705.25	1.206D 08	4340.46	6.271D 07	
915.54	3.655D 06	1181.83	1.730D 09	2837.09	2.388D 03	3707.91	1.223D 08	4422.28	1.109D 08	
918.03	3.875D 06	1194.99	1.631D 09	3017.20	2.030D 03	3710.56	1.178D 08	4586.15	9.841D 07	
919.35	3.901D 06	1208.45	1.006D 09	3121.75	1.855D 03	3711.97	1.167D 08	4762.63	8.659D 07	
919.63	4.083D 06	1215.67	4.459D 07	3121.76	1.855D 03	3713.69	1.187D 08	4861.32	4.578D 07	
920.16	4.393D 06	1216.42	4.470D 07	3169.76	1.783D 08	3716.95	1.222D 08	4892.89	7.798D 07	
920.68	4.508D 06	1217.83	1.176D 08	3264.93	1.650D 03	3720.21	1.143D 08	4953.86	7.578D 07	
921.34	4.625D 06	1219.25	3.294D 08	3365.99	1.522D 03	3721.94	1.109D 08	5016.38	7.275D 07	
922.00	4.611D 06	1220.00	4.789D 08	3421.87	1.459D 03	3724.08	1.164D 08	5050.00	7.117D 07	
922.77	5.304D 06	1223.41	1.064D 09	3421.87	1.459D 03	3728.14	1.247D 08	5123.58	6.775D 07	
923.15	5.271D 06	1236.50	1.546D 09	3458.74	1.418D 03	3734.37	1.046D 08	5233.16	5.581D 07	
923.68	5.343D 06	1240.00	1.556D 09	3606.08	1.267D 03	3737.09	1.166D 08	5308.11	5.292D 07	
924.69	6.108D 06	1249.96	1.572D 09	3647.05	1.227D 08	3742.24	1.301D 08	5565.32	4.807D 07	
925.69	5.951D 06	1269.29	1.546D 09	3647.05	1.176D 03	3747.42	1.115D 08	5899.38	3.970D 07	
926.22	6.266D 06	1289.23	1.503D 09	3649.67	1.173D 08	3750.15	9.578D 07	6352.76	3.236D 07	
927.00	6.418D 06	1300.00	1.479D 09	3654.64	1.174D 08	3753.67	1.175D 08	6562.80	1.967D 07	
928.48	8.622D 06	1316.23	1.446D 09	3659.62	1.183D 03	3760.36	1.386D 08	6797.77	2.554D 07	
929.96	6.785D 06	1348.15	1.376D 09	3662.26	1.193D 03	3767.08	1.158D 08	7292.74	1.995D 07	
930.75	6.929D 06	1381.65	1.309D 09	3665.27	1.207D 03	3770.63	9.000D 07	7865.45	1.527D 07	
931.96	8.091D 06	1400.00	1.274D 09	3670.98	1.236D 08	3775.31	1.239D 08	8205.87	1.314D 07	
934.26	1.527D 07	1419.35	1.238D 09	3676.71	1.262D 08	3784.22	1.486D 08	8205.87	1.291D 07	
936.58	9.925D 06	1457.53	1.167D 09	3679.74	1.274D 03	3793.16	1.222D 08	8862.47	1.086D 07	
937.80	8.700D 06	1497.83	1.102D 09	3680.27	1.276D 03	3797.90	8.464D 07	10448.64	5.910D 06	
939.84	1.675D 07	1520.00	1.067D 09	3681.28	1.278D 08	3804.32	1.324D 08	12726.36	2.828D 06	
943.74	4.869D 07	1545.12	1.026D 09	3682.28	1.280D 03	3816.55	1.566D 08	14380.00	1.785D 06	
947.66	2.048D 07	1595.10	9.566D 08	3682.81	1.282D 03	3828.85	1.335D 08	15890.88	1.250D 06	
949.74	9.900D 06	1648.41	8.884D 08	3683.50	1.281D 03	3835.38	8.211D 07	19843.04	5.332D 05	
953.60	6.499D 07	1678.00	8.527D 08	3684.82	1.283D 08	3844.54	1.444D 08	26411.82	1.779D 05	
961.00	3.348D 08	1723.39	8.008D 08	3686.13	1.282D 03	3862.03	1.605D 08	32000.00	8.410D 04	
968.52	1.583D 08	1816.53	7.085D 08	3686.83	1.282D 03	3879.67	1.420D 08	34121.04	6.547D 04	
972.54	1.402D 07	1920.32	6.219D 08	3687.64	1.280D 03	3889.05	7.879D 07	39024.39	3.860D 04	
981.32	7.167D 08	1980.00	5.791D 08	3689.19	1.279D 03	3902.80	1.501D 08	45573.51	2.102D 04	
998.42	1.311D 09	1991.74	5.712D 08	3690.73	1.271D 08	3929.14	1.585D 08	50000.00	1.456D 04	
1016.12	9.772D 08	2014.39	5.562D 08	3691.55	1.270D 03	3955.84	1.470D 08	54724.75	1.016D 04	
1025.72	1.676D 07	2037.56	5.413D 08	3692.52	1.267D 03	3970.07	7.634D 07	66666.67	4.657D 03	
1037.82	1.313D 09	2050.00	5.336D 08	3694.35	1.264D 03	3992.20	1.492D 08	85275.25	1.761D 03	

TEFF = 18000.0    LOG(G) = 4.50    X = 1.00000    Y = 0.0											
I	TAU	TE	PG	PE	RHO	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	1.1010 04	8.093D-04	4.047D-04	4.456D-16	3.975D-01	-6.724D-02	-8.977D 03	1.000D 00	0.0	0.0
3	1.0003-07	1.100D 04	7.949D-03	3.975D-03	4.378D-15	3.977D-01	-6.724D-02	2.925D 00	1.000D 00	0.0	0.0
5	1.0003-06	1.094D 04	7.917D-02	3.958D-02	4.388D-14	3.995D-01	-6.724D-02	2.052D 02	1.000D 00	0.0	0.0
7	1.0003-05	1.102D 04	7.749D-01	3.874D-01	4.264D-13	4.161D-01	-6.589D-02	2.224D 01	9.998D-01	0.0	0.0
9	1.0003-04	1.107D 04	6.600D 00	3.298D 00	3.617D-12	5.532D-01	-7.012D-02	1.022D 01	9.986D-01	0.0	0.0
11	1.0003-03	1.164D 04	3.949D 01	1.971D 01	2.059D-11	1.171D 00	-2.110D 00	5.429D 02	9.967D-01	0.0	0.0
13	1.3593-03	1.207D 04	4.899D 01	2.447D 01	2.463D-11	1.243D 00	-1.396D 00	-1.197D 02	9.976D-01	0.0	0.0
15	1.848D-03	1.175D 04	5.983D 01	2.985D 01	3.092D-11	1.529D 00	-3.338D-01	2.832D 02	9.957D-01	0.0	0.0
17	2.512D-03	1.211D 04	7.312D 01	3.650D 01	3.664D-11	1.642D 00	8.302D-01	4.273D 02	9.967D-01	0.0	0.0
19	3.415D-03	1.191D 04	8.839D 01	4.408D 01	4.508D-11	1.989D 00	8.152D 00	5.747D 01	9.949D-01	0.0	0.0
21	4.642D-03	1.205D 04	1.064D 02	5.308D 01	5.365D-11	2.335D 00	1.176D 01	2.303D 01	9.950D-01	0.0	0.0
23	6.310D-03	1.218D 04	1.281D 02	6.390D 01	6.394D-11	2.532D 00	6.095D 00	4.006D 00	9.949D-01	0.0	0.0
25	8.577D-03	1.232D 04	1.541D 02	7.687D 01	7.662D-11	2.862D 00	4.739D 00	4.211D 01	9.949D-01	0.0	0.0
27	1.166D-02	1.248D 04	1.853D 02	9.244D 01	9.023D-11	3.231D 00	1.777D 00	3.011D 00	9.950D-01	0.0	0.0
29	1.585D-02	1.265D 04	2.228D 02	1.111D 02	1.070D-10	3.652D 00	-3.326D-01	4.039D 01	9.950D-01	0.0	0.0
31	2.154D-02	1.282D 04	2.678D 02	1.336D 02	1.269D-10	4.125D 00	8.495D-01	2.335D 01	9.949D-01	0.0	0.0
33	2.929D-02	1.301D 04	3.218D 02	1.605D 02	1.504D-10	4.665D 00	6.845D-01	2.319D 01	9.948D-01	0.0	0.0
35	3.981D-02	1.320D 04	3.867D 02	1.928D 02	1.780D-10	5.272D 00	-8.781D-02	2.246D 01	9.948D-01	0.0	0.0
37	5.412D-02	1.341D 04	4.646D 02	2.317D 02	2.105D-10	5.951D 00	-1.548D-01	1.682D 01	9.948D-01	0.0	0.0
39	7.356D-02	1.364D 04	5.582D 02	2.784D 02	2.486D-10	6.694D 00	5.735D-02	9.063D 00	9.950D-01	0.0	0.0
41	1.0003-01	1.391D 04	6.712D 02	3.348D 02	2.932D-10	7.564D 00	1.245D-01	8.975D 00	9.952D-01	0.0	0.0
43	1.259D-01	1.412D 04	7.713D 02	3.848D 02	3.318D-10	8.166D 00	2.359D-01	1.631D 01	9.955D-01	0.0	0.0
45	1.585D-01	1.436D 04	8.872D 02	4.427D 02	3.753D-10	8.853D 00	5.888D-01	8.979D 00	9.958D-01	0.0	0.0
47	1.995D-01	1.462D 04	1.022D 03	5.098D 02	4.243D-10	9.583D 00	2.277D-01	5.741D 00	9.961D-01	0.0	0.0
49	2.512D-01	1.492D 04	1.178D 03	5.881D 02	4.794D-10	1.032D 01	8.294D-01	3.938D 00	9.965D-01	0.0	0.0
51	3.162D-01	1.527D 04	1.362D 03	6.801D 02	5.414D-10	1.103D 01	9.986D-02	2.975D 00	9.970D-01	0.0	0.0
53	3.981D-01	1.564D 04	1.578D 03	7.881D 02	6.122D-10	1.181D 01	3.819D-01	1.123D 01	9.974D-01	0.0	0.0
55	5.012D-01	1.602D 04	1.832D 03	9.149D 02	6.936D-10	1.268D 01	2.034D 00	1.334D 01	9.977D-01	0.0	0.0
57	6.310D-01	1.630D 04	2.129D 03	1.064D 03	7.864D-10	1.361D 01	3.456D 00	-1.484D-01	9.981D-01	0.0	0.0
59	7.943D-01	1.685D 04	2.479D 03	1.238D 03	8.921D-10	1.460D 01	1.594D 00	-1.166D 01	9.983D-01	0.0	0.0
61	1.0003 00	1.731D 04	2.889D 03	1.443D 03	1.012D-09	1.563D 01	-9.538D-01	-1.295D 01	9.983D-01	0.0	0.0
63	1.259D 00	1.780D 04	3.372D 03	1.684D 03	1.149D-09	1.671D 01	-2.570D 00	-2.251D 00	9.983D-01	0.0	0.0
65	1.585D 00	1.832D 04	3.941D 03	1.969D 03	1.304D-09	1.786D 01	-3.858D-01	1.109D 01	9.983D-01	0.0	0.0
67	1.995D 00	1.886D 04	4.610D 03	2.303D 03	1.483D-09	1.914D 01	1.032D 01	-1.122D 01	9.984D-01	0.0	0.0
69	2.512D 00	1.943D 04	5.398D 03	2.697D 03	1.685D-09	2.047D 01	1.050D 01	-5.624D 01	9.984D-01	0.0	0.0
71	3.162D 00	2.003D 04	6.326D 03	3.161D 03	1.915D-09	2.187D 01	8.005D 00	-1.030D 02	9.985D-01	0.0	0.0
73	3.981D 00	2.069D 04	7.421D 03	3.708D 03	2.176D-09	2.332D 01	6.041D 00	-1.397D 02	9.986D-01	0.0	0.0
75	5.012D 00	2.139D 04	8.715D 03	4.355D 03	2.471D-09	2.483D 01	4.901D 00	-1.469D 02	9.987D-01	0.0	0.0
77	6.310D 00	2.206D 04	1.024D 04	5.116D 03	2.815D-09	2.666D 01	8.963D 00	-1.534D 02	9.987D-01	0.0	0.0
79	7.943D 00	2.275D 04	1.203D 04	6.010D 03	3.205D-09	2.862D 01	2.144D 01	-2.484D 02	9.988D-01	0.0	0.0
81	1.0003 01	2.358D 04	1.413D 04	7.062D 03	3.634D-09	3.036D 01	1.518D 01	-3.513D 02	9.989D-01	0.0	0.0
83	1.259D 01	2.450D 04	1.664D 04	8.316D 03	4.118D-09	3.208D 01	7.239D 00	-4.214D 02	9.990D-01	0.0	0.0
85	1.585D 01	2.546D 04	1.962D 04	9.805D 03	4.673D-09	3.394D 01	-3.512D-01	-3.889D 02	9.991D-01	0.0	0.0
87	1.995D 01	2.643D 04	2.316D 04	1.157D 04	5.313D-09	3.607D 01	-4.124D 00	-3.288D 02	9.991D-01	0.0	0.0
89	2.512D 01	2.742D 04	2.734D 04	1.366D 04	6.046D-09	3.846D 01	-3.653D 00	-2.164D 02	9.991D-01	0.0	0.0
91	3.162D 01	2.855D 04	3.229D 04	1.614D 04	6.858D-09	4.064D 01	-1.314D 01	-6.194D 01	9.991D-01	0.0	0.0
93	3.981D 01	2.991D 04	3.820D 04	1.909D 04	7.744D-09	4.253D 01	-1.218D 01	9.099D 01	9.992D-01	0.0	0.0
95	5.012D 01	3.138D 04	4.529D 04	2.264D 04	8.753D-09	4.455D 01	-1.116D 01	2.279D 02	9.992D-01	0.0	0.0
97	6.310D 01	3.266D 04	5.379D 04	2.688D 04	9.925D-09	4.701D 01	-1.121D 01	3.499D 02	9.992D-01	0.0	0.0
99	7.943D 01	3.445D 04	6.391D 04	3.194D 04	1.125D-08	4.952D 01	-1.140D 01	4.681D 02	9.992D-01	0.0	0.0

TIME = 18000.0 LOG(G) = 4.50 X = 1.00000 Y = 0.0									
_AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.173D 03	1061.56	1.890D 09	2050.00	5.370D 03	3696.18	1.261D 08	4034.83	1.489D 08
546.43	5.203D 03	1086.41	1.993D 09	2127.72	4.905D 03	3697.15	1.260D 08	4078.38	1.383D 08
649.33	5.268D 04	1100.00	2.001D 09	2292.47	4.085D 08	3698.31	1.258D 08	4101.73	6.695D 07
800.11	6.097D 05	1112.26	1.994D 09	2484.88	3.339D 03	3700.50	1.255D 08	4141.06	1.365D 08
911.76	1.762D 06	1136.26	1.978D 09	2600.00	2.981D 08	3702.69	1.241D 08	4217.72	1.307D 08
911.79	1.762D 06	1161.33	1.878D 09	2600.00	2.981D 08	3703.85	1.238D 08	4297.27	1.215D 08
913.07	3.231D 06	1175.00	1.823D 09	2677.27	2.767D 03	3705.25	1.234D 08	4340.46	5.959D 07
915.54	3.656D 06	1181.83	1.783D 09	2837.09	2.398D 08	3707.91	1.235D 08	4422.28	1.117D 08
918.03	3.545D 06	1194.99	1.624D 09	3017.20	2.362D 08	3710.56	1.211D 08	4586.15	9.918D 07
919.33	3.986D 06	1208.45	7.333D 08	3121.75	1.862D 08	3711.97	1.204D 08	4762.63	8.713D 07
919.63	3.394D 06	1215.67	3.673D 07	3121.76	1.862D 08	3713.69	1.210D 08	4861.32	4.416D 07
920.16	3.775D 05	1216.42	3.672D 07	3169.76	1.787D 03	3716.95	1.220D 08	4892.89	7.768D 07
920.63	3.392D 06	1217.83	7.804D 07	3264.93	1.653D 08	3720.21	1.173D 08	4953.86	7.623D 07
920.96	4.099D 06	1219.25	1.891D 08	3365.99	1.524D 03	3721.94	1.154D 08	5016.38	7.322D 07
921.34	4.224D 06	1220.00	2.817D 08	3421.87	1.460D 03	3724.08	1.183D 08	5050.00	7.163D 07
922.00	4.114D 06	1223.41	8.097D 08	3421.87	1.460D 03	3728.14	1.219D 08	5123.58	6.819D 07
922.77	4.411D 06	1229.92	1.371D 09	3458.74	1.419D 03	3732.22	1.140D 08	5269.12	6.203D 07
923.15	4.491D 06	1236.50	1.543D 09	3530.87	1.343D 03	3734.37	1.094D 08	5423.16	5.615D 07
923.68	4.522D 06	1240.00	1.579D 09	3606.08	1.256D 03	3737.09	1.164D 08	5503.11	5.324D 07
924.63	4.355D 06	1249.96	1.605D 09	3647.05	1.228D 03	3742.24	1.242D 08	5665.32	4.833D 07
925.69	5.049D 06	1269.29	1.604D 09	3647.05	1.173D 08	3747.42	1.103D 08	5989.38	3.987D 07
926.22	5.135D 06	1289.23	1.561D 09	3649.67	1.175D 08	3750.15	9.971D 07	6352.76	3.251D 07
927.00	5.215D 06	1300.00	1.537D 09	3654.64	1.175D 08	3753.67	1.151D 08	6562.80	1.907D 07
928.48	6.375D 06	1316.23	1.502D 09	3659.62	1.181D 08	3760.36	1.304D 08	6797.77	2.563D 07
929.96	5.554D 06	1348.15	1.426D 09	3662.26	1.184D 03	3767.08	1.117D 08	7292.74	2.003D 07
930.75	5.662D 06	1381.65	1.352D 09	3665.27	1.192D 08	3770.63	9.170D 07	7865.45	1.531D 07
931.96	6.458D 06	1400.00	1.315D 09	3670.98	1.211D 03	3775.31	1.184D 08	8203.87	1.318D 07
934.26	1.133D 07	1419.35	1.275D 09	3676.71	1.232D 03	3784.22	1.400D 08	8203.87	1.295D 07
936.58	7.830D 06	1457.53	1.200D 09	3679.74	1.243D 08	3793.16	1.147D 08	8862.47	1.090D 07
937.80	6.317D 06	1497.83	1.130D 09	3680.27	1.245D 03	3797.90	8.361D 07	10448.64	5.929D 06
939.84	1.212D 07	1520.00	1.093D 09	3681.28	1.288D 08	3804.32	1.242D 08	12726.36	2.837D 06
943.74	2.793D 07	1545.12	1.049D 09	3682.28	1.251D 03	3816.55	1.495D 08	14380.00	1.790D 06
947.66	1.428D 07	1595.10	9.755D 08	3682.81	1.252D 03	3828.35	1.244D 08	15890.88	1.253D 06
949.74	7.765D 05	1648.41	9.040D 08	3683.50	1.254D 03	3835.38	7.957D 07	19843.04	5.341D 05
953.60	3.489D 07	1678.00	8.665D 08	3684.82	1.257D 03	3844.54	1.360D 08	26411.82	1.782D 05
961.00	1.770D 08	1723.39	8.124D 08	3686.13	1.259D 03	3862.03	1.567D 08	32000.00	8.412D 04
968.52	7.612D 07	1816.53	7.163D 08	3686.83	1.261D 03	3879.67	1.338D 08	34121.04	6.547D 04
972.54	1.382D 07	1920.32	6.276D 08	3687.64	1.262D 08	3889.05	7.520D 07	39024.39	3.868D 04
981.32	4.327D 08	1980.00	5.842D 08	3689.19	1.265D 08	3902.80	1.442D 08	45573.51	2.096D 04
998.42	1.099D 09	1991.74	5.757D 08	3690.73	1.265D 08	3929.14	1.570D 08	50000.00	1.458D 04
1016.12	6.434D 08	2014.39	5.609D 08	3691.55	1.266D 08	3955.84	1.419D 08	54724.75	1.017D 04
1025.72	1.339D 07	2037.56	5.455D 08	3692.62	1.264D 03	3970.07	7.223D 07	66660.67	4.678D 03
1037.82	1.008D 09	2050.00	5.373D 08	3694.35	1.266D 08	3992.20	1.470D 08	85275.25	1.766D 03



$$T_{\text{eff}} = 20\,000^{\circ}\text{K}$$

T E F = 2000.0 LOG(G) = 2.50 X = 0.01640 Y = 0.98360											
I	TAJ	T	P G	P E	R H O	K A P Z	D F (%)	D T E	X H 2	X H 2	
1	1.0000-05	1.3970-04	2.7900-05	1.3950-05	4.6150-17	1.0430-01	1.5470-01	6.8100-01	1.0000-00	1.0000-00	
3	1.0000-07	1.3970-04	2.7360-04	1.3680-04	4.5260-16	1.0430-01	1.5470-01	6.8090-01	1.0000-00	1.0000-00	
5	1.0000-05	1.3970-04	2.7310-03	1.3650-03	4.5170-15	1.0430-01	1.5470-01	6.8000-01	1.0000-00	1.0000-00	
7	1.0000-05	1.3970-04	2.7300-02	1.3650-02	4.5160-14	1.0430-01	1.5470-01	6.8090-01	1.0000-00	1.0000-00	
9	1.0000-04	1.3970-04	2.7240-01	1.3600-01	4.5110-13	1.0470-01	1.5470-01	6.7720-01	1.0000-00	1.0000-00	
11	1.0000-03	1.4030-04	2.6680-00	1.3160-00	4.4510-12	1.0850-01	1.5560-01	5.9180-01	1.0000-00	1.0000-00	
13	1.3390-03	1.4050-04	3.5980-00	1.7680-00	6.0160-12	1.0990-01	1.6620-01	5.6080-01	9.9990-01	9.9990-01	
15	1.3480-03	1.4080-04	4.8400-00	2.3680-00	8.1120-12	1.1190-01	1.6740-01	5.2040-01	9.9990-01	9.9990-01	
17	2.5120-03	1.4120-04	6.4900-00	3.5800-00	1.0910-11	1.1450-01	1.6900-01	4.8770-01	9.9990-01	9.9990-01	
19	3.4150-03	1.4180-04	8.6630-00	4.1910-00	1.4580-11	1.1810-01	1.7150-01	4.1000-01	9.9990-01	9.9990-01	
21	4.8420-03	1.4240-04	1.1500-01	5.5290-00	1.9390-11	1.2270-01	1.7590-01	3.5490-01	9.9990-01	9.9990-01	
23	6.7100-03	1.4320-04	1.5180-01	7.2520-00	2.5570-11	1.2870-01	1.8010-01	2.7890-01	9.9990-01	9.9990-01	
25	8.5770-03	1.4410-04	1.9870-01	9.4430-00	3.3450-11	1.3620-01	1.9240-01	2.1870-01	9.9980-01	9.9980-01	
27	1.1660-02	1.4500-04	2.5820-01	1.2190-01	4.3420-11	1.4550-01	1.9820-01	1.9150-01	9.9980-01	9.9980-01	
29	1.5850-02	1.4620-04	3.3260-01	1.5640-01	5.5670-11	1.5720-01	1.9910-01	1.4020-01	9.9980-01	9.9980-01	
31	2.1540-02	1.4770-04	4.2420-01	1.9920-01	7.0380-11	1.7160-01	2.0980-01	1.1340-01	9.9970-01	9.9970-01	
33	2.9290-02	1.4890-04	5.3620-01	2.5100-01	8.8550-11	1.8810-01	2.1970-01	1.0910-01	9.9970-01	9.9970-01	
35	3.9410-02	1.5050-04	6.7220-01	3.1580-01	1.0920-10	2.0880-01	2.1650-01	4.1430-00	9.9970-01	9.9970-01	
37	5.4120-02	1.5340-04	8.3270-01	3.9400-01	1.3220-10	2.3260-01	5.7550-01	7.9120-00	9.9970-01	9.9970-01	
39	7.3560-02	1.5640-04	1.0220-02	4.8510-01	1.5960-10	2.5870-01	6.9270-01	8.2280-00	9.9970-01	9.9970-01	
41	1.2590-01	1.6040-04	1.4470-02	6.9600-01	2.1640-10	3.1290-01	5.2530-01	-1.0080-01	9.9970-01	9.9970-01	
43	1.5450-01	1.6410-04	1.6690-02	8.1090-01	2.4160-10	3.3590-01	1.3650-00	-2.5520-00	9.9970-01	9.9970-01	
45	1.5450-01	1.6770-04	1.9190-02	9.3680-01	2.7000-10	3.5820-01	2.0840-00	1.3740-00	9.9980-01	9.9980-01	
47	1.9950-01	1.6770-04	2.0550-02	1.0830-02	3.0270-10	3.8060-01	2.3760-00	2.0980-00	9.9970-01	9.9970-01	
49	2.3120-01	1.7120-04	2.2050-02	1.4560-02	3.3960-10	4.0330-01	2.4670-00	1.4530-01	9.9970-01	9.9970-01	
51	3.1620-01	1.7510-04	2.5380-02	1.8520-02	3.8320-10	4.2750-01	1.6250-00	-5.0270-00	9.9970-01	9.9970-01	
53	3.9810-01	1.7940-04	2.9440-02	1.4560-02	4.3390-10	4.5160-01	7.3260-01	-9.1710-00	9.9970-01	9.9970-01	
55	5.6120-01	1.8440-04	3.4360-02	1.7040-02	4.9410-10	4.7840-01	-1.4730-01	-1.2100-01	9.9970-01	9.9970-01	
57	6.3100-01	1.8960-04	4.0300-02	2.0030-02	5.6380-10	5.0580-01	-1.0420-00	-1.7800-01	9.9970-01	9.9970-01	
59	7.9430-01	1.9530-04	4.7440-02	2.3610-02	6.4210-10	5.2930-01	-1.1440-00	-9.5220-00	9.9970-01	9.9970-01	
61	1.0000-00	2.0210-04	5.6000-02	2.7920-02	7.3340-10	5.5600-01	-3.4060-01	3.7980-00	9.9970-01	9.9970-01	
63	1.2590-00	2.0890-04	6.6170-02	3.3020-02	8.3970-10	5.8780-01	4.8590-01	9.7010-00	9.9970-01	9.9970-01	
65	1.5850-00	2.1550-04	7.8190-02	3.9030-02	9.6170-10	6.2210-01	3.6230-01	1.5550-01	9.9970-01	9.9970-01	
67	1.9450-00	2.2220-04	9.2380-02	4.5140-02	1.1020-09	6.5790-01	6.3390-02	1.2640-01	9.9980-01	9.9980-01	
69	2.5120-00	2.3040-04	1.0930-03	5.4590-02	1.2630-09	6.9670-01	-2.2180-01	8.2050-00	9.9980-01	9.9980-01	
71	3.1620-00	2.3680-04	1.2940-03	6.4650-02	1.4490-09	7.3790-01	7.7720-01	-3.11760-00	9.9980-01	9.9980-01	
73	3.9910-00	2.4480-04	1.5350-03	7.6700-02	1.6630-09	7.7950-01	1.9340-00	-4.8810-00	9.9980-01	9.9980-01	
75	5.0120-00	2.5350-04	1.8240-03	9.1200-02	1.6630-09	8.3140-01	2.1340-00	-3.11080-00	9.9980-01	9.9980-01	
77	6.3100-00	2.6190-04	2.1700-03	1.0850-03	1.9140-09	8.8330-01	7.5890-02	-2.8460-00	9.9980-01	9.9980-01	
79	7.9430-00	2.7130-04	2.5780-03	1.2900-03	2.1940-09	9.2990-01	-2.4170-00	-4.1630-00	9.9980-01	9.9980-01	
81	1.0000-01	2.8320-04	3.0640-03	1.5360-03	2.4930-09	9.6600-01	-2.8570-00	-2.0470-00	9.9980-01	9.9980-01	
83	1.2590-01	2.9700-04	3.6380-03	1.8320-03	2.8100-09	9.9600-01	-1.2910-01	1.0350-00	9.9980-01	9.9980-01	
85	1.5850-01	3.0960-04	4.2830-03	2.1760-03	3.1460-09	1.1190-00	2.4290-00	2.0220-00	9.9980-01	9.9980-01	
87	1.9450-01	3.2100-04	4.9560-03	2.5510-03	3.4620-09	1.3100-00	1.3160-00	4.1840-01	9.9980-01	9.9980-01	
89	2.5120-01	3.3340-04	5.5970-03	2.9480-03	3.6720-09	1.6150-00	-2.3180-00	-4.4290-01	9.9980-01	9.9980-01	
91	3.1620-01	3.4870-04	6.0920-03	3.3500-03	3.6340-09	2.1650-00	-2.43180-00	-4.9510-01	9.9980-01	9.9980-01	
93	3.9810-01	3.6680-04	6.3440-03	3.7100-03	3.3190-09	3.0050-00	-2.0570-00	3.0040-01	9.9980-01	9.9980-01	
95	5.0120-01	3.8920-04	6.3920-03	3.9430-03	2.9380-09	3.7280-00	-2.0570-00	3.0040-01	9.9980-01	9.9980-01	
97	6.3100-01	4.0270-04	6.3970-03	4.0740-03	2.6660-09	4.0320-00	2.7160-01	7.9890-01	9.9980-01	9.9980-01	
99	7.9430-01	4.1920-04	6.4980-03	4.2060-03	2.5270-09	4.0660-00	2.0540-00	5.2300-02	9.9980-01	9.9980-01	



TEFF = 20000.0 LOG(G) = 2.50 X = 0.01640 Y = 0.98360

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	8.754D 06	1061.56	2.400D 09	2050.00	8.146D 08	3696.18	2.517D 08	4034.83	1.968D 08
546.43	6.840D 06	1086.41	2.346D 09	2127.72	7.502D 08	3697.15	2.515D 08	4078.38	1.900D 08
649.38	7.429D 06	1100.00	2.317D 09	2292.47	6.323D 08	3698.31	2.512D 08	4101.73	1.540D 08
800.11	2.147D 07	1112.26	2.291D 09	2484.88	5.214D 08	3700.50	2.511D 08	4141.06	1.808D 08
911.76	4.234D 07	1136.26	2.238D 09	2600.00	4.666D 08	3702.69	2.494D 08	4217.72	1.703D 08
911.76	4.118D 07	1161.33	2.182D 09	2600.00	4.666D 08	3703.85	2.491D 08	4297.27	1.601D 08
913.07	7.393D 07	1175.00	2.152D 09	2677.27	4.497D 08	3705.25	2.492D 08	4340.46	1.315D 08
915.54	1.473D 08	1181.83	2.138D 09	2837.09	3.857D 08	3707.91	2.498D 08	4422.28	1.456D 08
918.03	3.637D 08	1194.99	2.109D 09	3017.20	3.269D 08	3710.56	2.471D 08	4586.15	1.290D 08
919.35	5.593D 08	1208.45	2.076D 09	3121.75	2.980D 08	3711.97	2.462D 08	4762.63	1.136D 08
919.63	5.998D 08	1215.67	1.765D 09	3121.76	3.031D 08	3713.69	2.472D 08	4861.32	8.881D 07
920.16	6.080D 08	1216.42	1.766D 09	3169.76	2.905D 08	3716.95	2.487D 08	4892.89	1.037D 08
920.68	7.593D 08	1217.83	2.003D 09	3264.93	2.675D 08	3720.21	2.440D 08	4953.86	9.945D 07
920.96	8.262D 08	1219.25	2.038D 09	3365.99	2.454D 08	3721.94	2.415D 08	5016.38	9.530D 07
921.34	8.793D 08	1220.00	2.043D 09	3421.87	2.341D 08	3724.08	2.447D 08	5050.00	9.315D 07
923.06	8.611D 08	1223.41	2.044D 09	3421.87	2.970D 08	3728.14	2.479D 08	5123.58	8.867D 07
923.77	1.024D 09	1229.92	2.032D 09	3458.74	2.872D 08	3732.22	2.418D 08	5269.12	8.053D 07
923.15	1.079D 09	1236.50	2.019D 09	3530.37	2.692D 08	3734.37	2.359D 08	5423.16	7.290D 07
923.68	1.128D 09	1240.00	2.011D 09	3606.08	2.518D 08	3737.09	2.430D 08	5508.11	6.908D 07
924.63	1.406D 09	1249.96	1.990D 09	3647.05	2.430D 08	3742.24	2.469D 08	5665.32	6.265D 07
925.69	1.342D 09	1269.29	1.949D 09	3647.05	2.407D 08	3747.42	2.395D 08	5989.38	5.158D 07
926.22	1.387D 09	1289.23	1.908D 09	3649.67	2.402D 08	3750.15	2.267D 08	6352.76	4.192D 07
927.00	1.429D 09	1300.00	1.885D 09	3654.64	2.394D 08	3753.67	2.411D 08	6562.80	3.237D 07
928.48	1.954D 09	1316.23	1.851D 09	3659.62	2.391D 08	3760.36	2.447D 08	6797.77	3.297D 07
929.96	1.540D 09	1343.15	1.787D 09	3662.26	2.390D 08	3767.08	2.386D 08	7292.74	2.564D 07
930.75	1.540D 09	1381.65	1.721D 09	3665.27	2.390D 08	3770.63	2.174D 08	7865.45	1.953D 07
931.96	1.777D 09	1400.00	1.686D 09	3670.98	2.390D 08	3775.31	2.395D 08	8205.87	1.803D 07
934.26	2.336D 09	1419.35	1.648D 09	3676.71	2.387D 08	3784.22	2.409D 08	8205.87	1.625D 07
936.58	1.992D 09	1457.53	1.578D 09	3679.74	2.382D 08	3793.16	2.361D 08	8862.47	1.365D 07
937.80	1.805D 09	1497.83	1.508D 09	3680.27	2.568D 08	3797.90	2.040D 08	10448.64	7.394D 06
939.84	2.338D 09	1520.00	1.472D 09	3681.28	2.566D 08	3804.32	2.357D 08	12726.36	3.515D 06
943.74	2.522D 09	1545.12	1.428D 09	3682.28	2.564D 08	3816.55	2.350D 08	14380.00	2.210D 06
947.66	2.374D 09	1595.10	1.349D 09	3682.81	2.563D 08	3828.85	2.313D 08	15890.88	1.545D 06
949.74	1.821D 09	1648.41	1.270D 09	3683.50	2.561D 08	3835.38	1.942D 08	19843.04	6.557D 05
953.60	2.526D 09	1678.00	1.228D 09	3684.82	2.558D 08	3844.54	2.292D 08	26411.82	2.177D 05
961.00	2.574D 09	1723.39	1.165D 09	3686.13	2.553D 08	3862.03	2.265D 08	32000.00	1.026D 05
968.52	2.543D 09	1816.53	1.050D 09	3686.83	2.552D 08	3879.67	2.227D 08	34121.04	8.013D 04
972.54	2.029D 09	1920.32	9.371D 08	3687.64	2.549D 08	3889.05	1.812D 08	39024.39	4.724D 04
981.32	2.553D 09	1980.00	8.784D 08	3689.19	2.544D 08	3902.80	2.189D 08	45573.51	2.568D 04
998.42	2.528D 09	1991.74	8.672D 08	3690.73	2.537D 08	3929.14	2.145D 08	50000.00	1.781D 04
1015.12	2.499D 09	2014.39	8.463D 08	3691.55	2.535D 08	3955.84	2.097D 08	54724.75	1.246D 04
1025.72	1.930D 09	2037.56	8.255D 08	3692.52	2.532D 08	3970.07	1.713D 08	66666.67	5.706D 03
1037.82	2.448D 09	2050.00	8.146D 08	3694.35	2.528D 08	3992.20	2.037D 08	85275.25	2.148D 03

TEFF = 20000.0 LOG(G) = 3.00 X = 0.01640 Y = 0.98360

I	TAU	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.4330 04	9.4770-05	4.7390-05	1.5280-15	1.0430-01	8.3070-02	-7.4270 00	1.0000 00	1.0000 00	1.2630-05
3	1.0000-07	1.4330 04	9.3070-04	4.6530-04	1.5010-15	1.0430-01	8.3070-02	-7.4300 00	1.0000 00	1.0000 00	1.2860-06
5	1.0000-06	1.4330 04	9.2890-03	4.6450-03	1.4980-14	1.0430-01	8.3070-02	-7.7030 00	1.0000 00	9.9990-01	1.2950-07
7	1.0000-05	1.4330 04	9.2850-02	4.6410-02	1.4980-13	1.0430-01	8.3070-02	-7.4070 00	1.0000 00	9.9940-01	1.2880-08
9	1.0000-04	1.4330 04	9.2560-01	4.6140-01	1.4970-12	1.0490-01	8.3680-02	-7.9240 00	1.0000 00	9.9380-01	1.3040-09
11	1.0000-03	1.4330 04	8.9940 00	4.3820 00	1.4840-11	1.1030-01	8.2240-02	-1.0450 01	9.9990-01	9.4680-01	1.4520-10
13	1.3590-03	1.4380 04	1.2100 01	5.8500 00	2.0090-11	1.1230-01	8.2790-02	-1.1570 01	9.9990-01	9.3180-01	1.1290-10
15	1.8480-03	1.4400 04	1.6230 01	7.7730 00	2.7140-11	1.1490-01	8.2280-02	-1.2250 01	9.9990-01	9.1390-01	8.8910-11
17	2.5120-03	1.4420 04	2.1680 01	1.0270 01	3.6590-11	1.1930-01	8.1170-02	-1.1490 01	9.9980-01	8.9240-01	7.0240-11
19	3.4150-03	1.4460 04	2.8830 01	1.3480 01	4.9070-11	1.2270-01	8.0080-02	-1.1610 01	9.9980-01	8.6990-01	5.8710-11
21	4.6420-03	1.4510 04	3.8120 01	1.7590 01	6.5400-11	1.2850-01	7.4950-02	-1.1750 01	9.9970-01	8.4700-01	5.1340-11
23	6.3100-03	1.4580 04	5.0050 01	2.2810 01	8.6360-11	1.3620-01	8.5370-02	-1.1680 01	9.9970-01	8.2620-01	4.8340-11
25	8.5770-03	1.4660 04	6.5180 01	2.9340 01	1.1300-10	1.4570-01	5.7510-02	-1.1960 01	9.9960-01	8.0650-01	4.7030-11
27	1.1660-02	1.4770 04	8.4150 01	3.7580 01	1.4570-10	1.5930-01	9.2170-02	-1.0210 01	9.9950-01	7.9430-01	5.1590-11
29	1.5850-02	1.4910 04	1.0750 02	4.7800 01	1.8500-10	1.7420-01	1.1360-01	-1.2520 01	9.9960-01	7.8760-01	6.0870-11
31	2.1540-02	1.5020 04	1.3610 02	6.0040 01	2.3390-10	1.9190-01	-2.3330-02	-1.5370 01	9.9950-01	7.7570-01	6.6260-11
33	2.9290-02	1.5260 04	1.7030 02	7.6010 01	2.8560-10	2.1820-01	3.4410-01	-4.7080 00	9.9950-01	7.9300-01	1.0780-10
35	3.9810-02	1.5540 04	2.1010 02	9.5180 01	3.4170-10	2.4880-01	7.3110-01	-6.0690 00	9.9950-01	8.1700-01	1.9410-10
37	5.4120-02	1.5670 04	2.5720 02	1.1630 02	4.1560-10	2.7810-01	2.6010-01	-1.8380 01	9.9950-01	8.1370-01	2.2860-10
39	7.3560-02	1.5860 04	3.1400 02	1.4260 02	4.9920-10	3.1460-01	4.1740-02	-1.6920 01	9.9940-01	8.2110-01	3.1770-10
41	1.0000-01	1.6350 04	3.7880 02	1.7730 02	5.6960-10	3.6210-01	1.5310 00	-1.7260-01	9.9950-01	8.7160-01	9.5250-10
43	1.2590-01	1.6710 04	4.3350 02	2.0610 02	6.2880-10	3.9530-01	2.4980 00	-1.0960 00	9.9950-01	9.0010-01	2.0670-09
45	1.5850-01	1.7060 04	4.9520 02	2.3780 02	6.9740-10	4.2680-01	3.2440 00	-4.1980 00	9.9950-01	9.1870-01	4.1340-09
47	1.9950-01	1.7420 04	5.6720 02	3.1820 02	7.7670-10	4.5920-01	1.1910 00	-1.9830 00	9.9950-01	9.3370-01	8.2080-09
49	2.5120-01	1.7810 04	6.5300 02	3.7020 02	8.6910-10	4.9360-01	1.1910 00	-1.9830 00	9.9950-01	9.4680-01	1.6760-08
51	3.1620-01	1.8260 04	7.5520 02	3.7020 02	9.7440-10	5.2820-01	3.3960-01	-3.9130-01	9.9950-01	9.5920-01	3.7290-08
53	3.9810-01	1.8730 04	8.7670 02	4.3190 02	1.0970-09	5.6450-01	-3.3840-01	-1.5660 00	9.9950-01	9.6890-01	8.3060-08
55	5.0120-01	1.9260 04	1.0210 03	5.0500 02	1.2390-09	6.0130-01	-7.9550-01	3.4340 00	9.9950-01	9.7690-01	1.9190-07
57	6.3100-01	1.9970 04	1.1930 03	5.9230 02	1.3900-09	6.2760-01	3.9570-01	1.4850 01	9.9950-01	9.8490-01	5.8230-07
59	7.9430-01	2.0670 04	1.3990 03	6.9620 02	1.5720-09	6.5860-01	9.6940-01	8.6630 00	9.9960-01	9.8970-01	1.5740-06
61	1.0000 00	2.1340 04	1.6450 03	8.1960 02	1.7870-09	6.9600-01	5.9350-01	6.3210 00	9.9960-01	9.9270-01	3.7950-06
63	1.2590 00	2.2020 04	1.9370 03	9.6600 02	2.0390-09	7.3760-01	4.0280-01	3.3060 00	9.9960-01	9.9470-01	8.6830-06
65	1.5850 00	2.2670 04	2.2830 03	1.1390 03	2.3310-09	7.8630-01	8.8610-01	-9.3360-01	9.9960-01	9.9600-01	1.8250-05
67	1.9950 00	2.3330 04	2.6900 03	1.5430 03	2.6680-09	8.4090-01	1.2170 00	-7.8730 00	9.9960-01	9.9690-01	3.6410-05
69	2.5120 00	2.4010 04	3.1690 03	1.5830 03	3.0540-09	8.9950-01	1.3580 00	-1.6250 01	9.9960-01	9.9750-01	7.1240-05
71	3.1620 00	2.4860 04	3.7380 03	1.8680 03	3.4780-09	9.4810-01	1.1600-01	-3.1150 00	9.9960-01	9.9810-01	1.6170-04
73	3.9810 00	2.5800 04	4.4280 03	2.6280 03	3.9670-09	9.9700-01	-6.3320-02	4.7590 00	9.9960-01	9.9820-01	3.8080-04
75	5.0120 00	2.6730 04	5.2560 03	3.6280 03	4.5450-09	1.0590 00	1.4000 00	6.0480 00	9.9960-01	9.9790-01	8.1860-04
77	6.3100 00	2.7620 04	6.2360 03	3.1190 03	5.2160-09	1.1340 00	2.4950 00	-1.3440 00	9.9960-01	9.9720-01	1.6030-03
79	7.9430 00	2.8640 04	7.3870 03	3.6980 03	5.9540-09	1.2090 00	2.3410-01	-7.5320 00	9.9960-01	9.9570-01	3.3190-03
81	1.0000 01	2.9920 04	8.7470 03	4.3880 03	6.7320-09	1.2800 00	-3.2220 00	-6.1450 00	9.9960-01	9.9120-01	8.0050-03
83	1.2590 01	3.1420 04	1.0340 04	5.2180 03	7.5340-09	1.3850 00	-3.4840 00	4.6670 00	9.9960-01	9.7880-01	2.0560-02
85	1.5850 01	3.2810 04	1.2110 04	6.1790 03	8.3590-09	1.5820 00	2.9300-01	9.7030 00	9.9960-01	9.5510-01	4.4350-02
87	1.9950 01	3.4100 04	1.3970 04	7.2430 03	9.1130-09	1.8920 00	2.5420 00	3.3440 00	9.9970-01	9.1690-01	8.2670-02
89	2.5120 01	3.5440 04	1.5770 04	8.3940 03	9.6230-09	2.3780 00	1.4780 00	-3.1420 00	9.9970-01	8.5270-01	1.4700-01
91	3.1620 01	3.7150 04	1.7300 04	9.6450 03	9.8280-09	3.2550 00	-9.5180-01	-1.3050 00	9.9970-01	7.2280-01	2.7690-01
93	3.9810 01	3.9200 04	1.8380 04	1.0900 04	8.8240-09	4.5380 00	-1.5330 00	1.2100 00	9.9970-01	5.1380-01	4.8600-01
95	5.0120 01	4.1280 04	1.9150 04	1.1910 04	8.1020-09	5.5870 00	-1.5980 00	1.6860-01	9.9970-01	3.1110-01	6.8870-01
97	6.3100 01	4.3160 04	1.9960 04	1.2750 04	7.7250-09	6.0970 00	7.0640-02	-9.7070-02	9.9970-01	1.8170-01	8.1820-01
99	7.9430 01	4.4870 04	2.1090 04	1.3650 04	7.6620-09	6.3170 00	1.1960 00	3.8570-01	9.9970-01	1.0990-01	8.9010-01

TEFF = 20000.0 LOG(G) = 3.00 X = 0.01640 Y = 0.98360

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	4.341D 06	1061.56	2.590D 09	2050.00	7.863D 08	3696.18	2.566D 08	4034.83	2.004D 08		
546.43	3.216D 06	1086.41	2.515D 09	2127.72	7.237D 08	3697.15	2.564D 08	4078.38	1.932D 08		
649.38	5.265D C6	1100.00	2.475D 09	2292.47	6.090D 08	3698.31	2.560D 08	4101.73	1.388D 08		
800.11	2.085D 07	1112.26	2.440D 09	2484.88	5.018D 08	3700.50	2.554D 08	4141.06	1.837D 08		
911.76	4.315D 07	1136.26	2.367D 09	2600.00	4.497D 08	3702.69	2.542D 08	4217.72	1.727D 08		
911.76	4.227D 07	1161.33	2.295D 09	2600.00	4.497D 08	3703.85	2.538D 08	4297.27	1.621D 08		
913.07	5.559D 07	1175.00	2.256D 09	2677.27	4.347D 08	3705.25	2.535C 08	4340.46	1.193D 08		
915.54	8.262D 07	1181.83	2.238D 09	2837.09	3.734D 08	3707.91	2.533D 08	4422.28	1.471D 08		
918.03	1.491D 08	1194.99	2.200D 09	3017.20	3.170D 08	3710.56	2.514D 08	4586.15	1.301D 08		
919.35	2.234D 08	1208.45	2.152D 09	3121.75	2.891D 08	3711.97	2.509D 08	4762.63	1.143D 08		
919.63	2.424D 08	1215.67	1.439D 09	3121.76	2.944D 08	3713.69	2.510D 08	4861.32	8.224D C7		
920.16	2.440D 08	1216.42	1.437D 09	3169.76	2.823D 08	3716.95	2.512D 08	4892.89	1.041D 08		
920.68	3.207D 08	1217.83	1.978D 09	3264.93	2.599D 08	3720.21	2.477D 08	4953.86	9.981D 07		
920.96	3.618D 08	1219.25	2.082D 09	3365.99	2.386D 08	3721.94	2.463D 08	5016.38	9.558D 07		
921.34	3.913D 08	1220.00	2.099D 09	3421.87	2.277D 08	3724.08	2.479D 08	5050.00	9.339D 07		
922.06	3.754D 08	1223.41	2.115D 09	3421.87	2.967D 08	3728.14	2.497D 08	5123.58	8.882D 07		
922.77	4.952D 08	1229.92	2.104D 09	3458.74	2.867D 08	3732.22	2.441D 08	5269.12	8.057D 07		
923.15	5.235D 08	1236.50	2.088D 09	3530.87	2.683D 08	3734.37	2.404D 08	5423.16	7.284D 07		
923.68	5.594D C8	1240.00	2.079D 09	3606.08	2.507D 08	3737.09	2.451D 08	5508.11	6.898D 07		
924.69	8.066D 08	1249.96	2.054D 09	3647.05	2.417D 08	3742.24	2.488D 08	5665.32	6.250D 07		
925.69	7.360D 08	1269.29	2.004D 09	3647.05	2.390D 08	3747.42	2.399D 08	5989.38	5.140D 07		
926.22	7.760D C8	1289.23	1.953D 09	3649.67	2.385D 08	3750.15	2.305D 08	6352.76	4.173D 07		
927.00	8.178D 08	1300.00	1.926D 09	3654.64	2.376D 08	3753.67	2.419D 08	6562.80	3.105D 07		
928.48	1.511D 09	1316.23	1.888D 09	3659.62	2.370D 08	3760.36	2.478D 08	6797.77	3.279D 07		
929.96	8.972D 08	1348.15	1.812D 09	3662.26	2.369D 08	3767.08	2.380D 08	7292.74	2.549D 07		
930.75	9.213D 08	1381.65	1.736D 09	3665.27	2.367D 08	3770.63	2.192D 08	7865.45	1.942D 07		
931.96	1.211D 09	1400.00	1.697D 09	3670.98	2.367D 08	3775.31	2.405D 08	8205.87	1.804D 07		
934.26	2.225D 09	1419.35	1.656D 09	3676.71	2.366D 08	3784.22	2.452D 08	8205.87	1.626D 07		
936.58	1.524D 09	1457.53	1.578D 09	3679.74	2.364D 08	3793.16	2.361D 08	8862.47	1.366D 07		
937.80	1.233D C9	1497.83	1.500D 09	3680.27	2.593D 08	3797.90	2.009D 08	10448.64	7.383D C6		
939.84	2.202D 09	1520.00	1.461D 09	3681.28	2.593D 08	3804.32	2.380D 08	12726.36	3.509D 06		
943.74	2.669D 09	1545.12	1.416D 09	3682.28	2.593D 08	3816.55	2.399D 08	14380.00	2.207D 06		
947.66	2.275D 09	1595.10	1.332D 09	3682.81	2.593D 08	3828.85	2.339D 08	15890.88	1.545D 06		
949.74	1.247D 09	1648.41	1.249D 09	3683.50	2.593D 08	3835.38	1.861D 08	19843.04	6.558D 05		
953.60	2.679D 09	1678.00	1.205D 09	3684.82	2.592D 08	3844.54	2.331D 08	26411.82	2.179C 05		
961.00	2.827D 09	1723.39	1.141D 09	3686.13	2.590D 08	3862.03	2.314D 08	32000.00	1.029D 05		
968.52	2.746D 09	1816.53	1.021D 09	3686.64	2.590D 08	3879.67	2.264D 08	34121.04	8.035D 04		
972.54	1.577D 09	1920.32	9.067D 08	3687.64	2.588D 08	3889.05	1.679D 08	39024.39	4.741D 04		
981.32	2.805D 09	1980.00	8.486D 08	3689.19	2.586D 08	3902.80	2.231D 08	45573.51	2.579C 04		
998.42	2.777D C9	1991.74	8.377D 08	3690.73	2.582D 08	3929.14	2.189D 08	50000.00	1.789D 04		
1016.12	2.711D 09	2014.39	8.173D 08	3691.55	2.581D 08	3955.84	2.135D 08	54724.75	1.252D 04		
1025.72	1.302D C9	2037.56	7.970D 08	3692.52	2.578D 08	3970.07	1.559D 08	66666.67	5.740D 03		
1037.82	2.655D 09	2050.00	7.864D 08	3694.35	2.574D 08	3992.20	2.075D 08	85275.25	2.164D 03		

TEFF = 20000.0 LOG(G) = 3.50 X = 0.01540 Y = 0.98350

I	TAU	TE	PS	PE	RHO	KAPZ	C=(X)	D TE	XH2	XHE2	XHE3
1	1.0000-03	1.3900	3.0630-04	1.5310-04	5.0900-16	1.0430-01	6.7030-02	4.1040	1.0000	1.0000	9.4430-07
3	1.0000-07	1.3900	3.0090-03	1.5040-03	5.0000-15	1.0430-01	6.7030-02	4.0950	1.0000	1.0000	9.6280-08
5	1.0000-06	1.3910	3.0020-02	1.5010-02	4.9880-14	1.0430-01	6.7040-02	3.9700	1.0000	9.9960-01	9.8600-09
7	1.0000-05	1.3910	2.9950-01	1.4950-01	4.9880-13	1.0470-01	6.7040-02	4.0630	1.0000	9.9600-01	9.6860-10
9	1.0000-04	1.3900	2.9940-00	1.4440-00	4.9830-12	1.0830-01	6.7130-02	4.2860	1.0000	9.9600-01	9.2210-11
11	1.0000-03	1.3970	2.6020-01	1.1540-01	4.7890-11	1.3340-01	6.9930-02	2.8650	1.0000	7.8340-01	1.2450-11
13	1.3590-03	1.4030	3.4410-01	1.4850-01	6.3520-11	1.4200-01	7.3990-02	1.9980	1.0000	7.5490-01	1.1290-11
15	1.8480-03	1.4070	4.4530-01	1.8900-01	8.4180-11	1.5140-01	7.2070-02	1.6470	1.0000	7.2020-01	9.6190-12
17	2.5120-03	1.4090	5.7730-01	2.3760-01	1.1140-10	1.6120-01	7.3970-02	1.8520	1.0000	6.7960-01	7.7650-12
19	3.4150-03	1.4140	7.4330-01	2.9820-01	1.4540-10	1.7450-01	7.5400-02	1.6300	1.0000	6.4800-01	7.0490-12
21	4.6420-03	1.4200	9.5040-01	3.7210-01	1.8820-10	1.9060-01	8.3620-02	1.4340	1.0000	6.1960-01	6.6370-12
23	6.3100-03	1.4300	1.2060-02	4.4610-01	2.3940-10	2.1440-01	1.0470-01	8.6160	1.0000	6.0300-01	7.1000-12
25	8.5770-03	1.4380	1.5200-02	5.7440-01	3.0400-10	2.3550-01	1.3090-01	8.1250	1.0000	5.8130-01	7.1280-12
27	1.1660-02	1.4480	1.9010-02	7.0840-01	3.8060-10	2.6470-01	1.9210-01	5.1830	1.0000	5.6710-01	7.7310-12
29	1.5850-02	1.4600	2.3570-02	8.7270-01	4.6990-10	3.0140-01	2.2350-01	1.0150	1.0000	5.6060-01	9.0460-12
31	2.1540-02	1.4710	2.8970-02	1.0640-02	5.7620-10	3.4160-01	2.8020-01	1.0480	1.0000	5.5220-01	1.0280-11
33	2.9290-02	1.4840	3.5390-02	1.2980-02	6.9770-10	3.9240-01	4.9360-01	4.9710	1.0000	5.5150-01	1.2640-11
35	3.9810-02	1.5090	4.2700-02	1.6220-02	8.1080-10	4.7070-01	7.0690-01	8.4130	1.0000	5.8670-01	2.3000-11
37	5.4120-02	1.5350	5.0790-02	1.9970-02	9.2780-10	5.7350-01	7.8360-01	2.4800	1.0000	6.2430-01	4.2360-11
39	7.3560-02	1.5600	5.9980-02	2.4210-02	1.0600-09	6.7730-01	8.5380-01	4.1300	1.0000	6.5510-01	7.2020-11
41	1.0000-01	1.5860	7.0460-02	2.9250-02	1.2010-09	7.9880-01	1.3370	2.1310	1.0000	6.9050-01	1.2950-10
43	1.2590-01	1.6080	7.9240-02	3.3630-02	1.3110-09	9.0170-01	1.7410	1.0530	1.0000	7.1960-01	2.0910-10
45	1.5850-01	1.6360	8.8890-02	3.8880-02	1.4150-09	1.0220	2.3350	-6.4390	1.0000	7.5940-01	3.9340-10
47	2.9950-01	1.6700	9.9580-02	4.4750-02	1.5170-09	1.1510	2.3240	-2.9560	1.0000	8.0390-01	8.2950-10
49	2.5120-01	1.7060	1.1160-03	5.1300-02	1.6330-09	1.2730	2.2550	-2.3840	1.0000	8.4110-01	1.7670-09
51	3.1520-01	1.7420	1.2530-03	5.8590-02	1.7770-09	1.3930	2.2060	-2.1020	1.0000	8.7030-01	3.5950-09
53	3.9810-01	1.7780	1.4100-03	6.5830-02	1.9280-09	1.5130	2.1890	-2.0560	1.0000	8.9430-01	7.1000-09
55	5.0120-01	1.8170	1.5930-03	7.4590-02	2.1090-09	1.6360	1.9380	-5.7490	1.0000	9.1610-01	1.4620-08
57	6.3100-01	1.8750	1.8090-03	8.7910-02	2.2910-09	1.7360	1.4260	-7.2320	1.0000	9.4210-01	4.1090-08
59	7.9430-01	1.9310	2.0660-03	1.0130-03	2.5200-09	1.8370	1.3770	-1.4550	1.0000	9.5880-01	1.0380-07
61	1.0000-00	1.9850	2.3710-03	1.1690-03	2.8000-09	1.9430	9.3100	-3.8270	1.0000	9.6960-01	2.3760-07
63	1.2590-00	2.0410	2.7340-03	1.3530-03	3.1290-09	2.0590	6.7290	-8.8810	1.0000	9.7730-01	5.2930-07
65	1.5850-00	2.0990	3.1660-03	1.5700-03	3.5130-09	2.1970	-6.7580	1.3340	1.0000	9.8300-01	1.1540-06
67	1.9950-00	2.1590	3.6780-03	1.8280-03	3.9600-09	2.3360	-1.1170	2.4690	1.0000	9.8720-01	2.4620-06
69	2.5120-00	2.2220	4.2840-03	2.1320-03	4.4750-09	2.4830	-1.2720	2.9370	1.0000	9.9040-01	5.2250-06
71	3.1620-00	2.2900	5.0060-03	2.4950-03	5.0690-09	2.6370	-5.3700	2.0770	1.0000	9.9280-01	1.1160-05
73	3.9810-00	2.3650	5.8610-03	2.9230-03	5.7370-09	2.7790	8.3600	-2.6760	1.0000	9.9480-01	2.5380-05
75	5.0120-00	2.4530	6.8890-03	3.4390-03	6.5010-09	2.9160	4.9260	-2.7230	1.0000	9.9630-01	5.0250-05
77	6.3100-00	2.5290	8.1240-03	4.0570-03	7.4040-09	3.0840	3.8460	-1.2180	1.0000	9.9710-01	1.3280-04
79	7.9430-00	2.6240	9.5900-03	4.7900-03	8.4550-09	3.2770	1.4900	-3.2950	1.0000	9.9730-01	2.7430-04
81	1.0000-01	2.7170	1.1330-04	5.5610-03	9.6420-09	3.4700	5.2720	-4.6760	1.0000	9.9730-01	5.8100-04
83	1.2590-01	2.8200	1.3410-04	6.7020-03	1.0990-08	3.6660	2.5550	-6.8190	1.0000	9.9690-01	1.2600-03
85	1.5850-01	2.9300	1.5880-04	7.9450-03	1.2520-08	3.8850	-1.1040	-6.3020	1.0000	9.9580-01	2.6880-03
87	1.9950-01	3.0240	1.8810-04	9.4240-03	1.4250-08	4.1480	-6.4670	-5.5510	1.0000	9.9320-01	5.6090-03
89	2.5120-01	3.1700	2.2240-04	1.1170-04	1.6130-08	4.4740	-1.7400	3.7190	1.0000	9.8720-01	1.1810-02
91	3.1620-01	3.2980	2.6170-04	1.3220-04	1.8140-08	4.9490	2.5850	-2.1760	1.0000	9.7560-01	2.3580-02
93	3.9810-01	3.4440	3.0500-04	1.5590-04	2.0010-08	5.7010	1.3420	-1.7800	1.0000	9.5030-01	4.8990-02
95	5.0120-01	3.6110	3.4940-04	1.8270-04	2.1330-08	7.0840	-5.7230	-6.6150	1.0000	8.9600-01	1.0340-01
97	6.3100-01	3.7920	3.9040-04	2.1230-04	2.1710-08	9.5740	-4.3410	-1.8740	1.0000	7.9410-01	2.0530-01
99	7.9430-01	3.9780	4.2430-04	2.4260-04	2.1110-08	1.3200	1.7530	-4.4450	1.0000	6.4210-01	3.5750-01

TREF = 20000.0 LOG(G) = 3.50 X = 0.01540 Y = 0.98360									
LAM	F LAM	LAM	= LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.393D 06	1051.56	2.764D 09	2050.00	7.716D 03	3696.18	2.556D 08	4034.83	2.023D 08
546.43	9.894D 05	1095.41	2.670D 09	2127.72	7.094D 03	3697.15	2.568D 08	4078.38	1.947D 08
649.38	2.814D 06	1100.00	2.620D 09	2292.42	5.948D 03	3698.31	2.566D 08	4101.73	1.248D 08
300.11	1.374D 07	1112.26	2.572D 09	2484.86	4.917D 03	3700.50	2.563D 08	4141.06	1.852D 08
911.76	3.267D 07	1135.26	2.487D 09	2600.00	4.405D 03	3702.69	2.555D 08	4217.72	1.741D 08
3.019D 07	1161.33	2.399D 09	2.600.00	2600.00	4.405D 08	3703.85	2.552D 08	4297.27	1.633D 08
913.07	3.596D 07	1175.00	2.353D 09	2677.27	4.268D 03	3705.25	2.549D 08	4340.46	1.070D 08
915.54	4.346D 07	1181.83	2.326D 09	2837.09	3.661D 03	3707.91	2.545D 06	4422.28	1.481D 08
918.03	7.812D 07	1194.99	2.281D 09	3017.20	3.099D 03	3710.56	2.531D 08	4586.15	1.307D 08
919.35	9.622D 07	1208.45	2.213D 09	3121.75	2.822D 03	3711.97	2.526D 08	4762.63	1.147D 08
919.63	1.025D 08	1215.67	9.730D 08	3121.76	2.879D 03	3713.69	2.524D 08	4861.32	7.492D 07
920.18	1.027D 08	1216.42	9.733D 08	3169.76	2.759D 08	3716.95	2.520D 08	4892.89	1.043D 08
920.68	1.297D 08	1217.83	1.844D 09	3264.93	2.540D 08	3720.21	2.496D 08	4953.86	1.000D 08
920.96	1.440D 08	1219.25	2.077D 09	3365.99	2.333D 03	3721.94	2.486D 08	5016.38	9.575D 07
921.34	1.554D 08	1220.00	2.118D 09	3421.87	2.228D 03	3724.08	2.492D 08	5050.00	9.354D 07
922.06	1.490D 08	1223.41	2.169D 09	3421.87	2.957D 03	3728.14	2.496D 08	5123.58	8.891D 07
922.77	1.943D 08	1229.92	2.166D 09	3458.74	2.855D 08	3732.22	2.454D 08	5269.12	8.059D 07
923.15	2.129D 08	1230.50	2.149D 09	3530.87	2.669D 03	3734.37	2.432D 08	5423.16	7.282D 07
923.68	2.257D 08	1240.00	2.139D 09	3606.08	2.491D 03	3737.09	2.455D 08	5503.11	6.894D 07
924.09	3.652D 08	1249.96	2.110D 09	3647.05	2.403D 03	3742.24	2.475D 08	5665.32	6.244D 07
925.63	3.199D 08	1262.29	2.054D 09	3647.05	2.367D 03	3747.42	2.400D 08	5989.38	5.129D 07
926.22	3.425D 08	1283.23	1.999D 09	3649.57	2.361D 03	3750.15	2.339D 08	6352.76	4.157D 07
927.00	3.606D 08	1305.00	1.969D 09	3654.64	2.352D 03	3753.67	2.413D 08	6562.80	2.906D 07
928.43	9.174D 08	1316.23	1.922D 09	3659.62	2.345D 08	3760.36	2.466D 08	6797.77	3.260D 07
929.95	4.056D 08	1348.15	1.840D 09	3662.26	2.343D 03	3767.08	2.362D 08	7292.74	2.532D 07
930.75	4.207D 08	1381.65	1.757D 09	3665.27	2.341D 03	3770.63	2.220D 08	7865.45	1.927D 07
931.06	6.314D 08	1400.00	1.714D 09	3670.98	2.339D 03	3775.31	2.387D 08	8205.87	1.802D 07
934.26	1.937D 09	1413.35	1.666D 09	3676.71	2.338D 03	3784.22	2.452D 08	8205.87	1.626D 07
936.53	9.048D 08	1457.53	1.583D 09	3679.74	2.337D 03	3793.16	2.326D 08	8862.47	1.365D 07
937.80	6.416D 08	1497.83	1.501D 09	3680.27	2.578D 03	3797.90	2.015D 08	10443.64	7.352D 06
939.84	1.770D 09	1520.00	1.461D 09	3681.28	2.578D 08	3804.32	2.359D 08	12726.36	3.482D 06
943.74	2.646D 09	1545.12	1.410D 09	3682.28	2.578D 03	3816.55	2.413D 08	14380.00	2.185D 06
947.66	1.873D 09	1595.10	1.322D 09	3682.81	2.579D 08	3828.85	2.317D 08	15890.88	1.532D 06
949.74	6.432D 08	1648.41	1.237D 09	3683.50	2.579D 03	3835.38	1.823D 08	19843.04	6.484D 05
953.60	2.559D 09	1674.00	1.192D 09	3684.82	2.579D 03	3844.54	2.331D 08	26411.82	2.151D 05
961.00	3.012D 09	1723.39	1.125D 09	3686.13	2.579D 08	3862.03	2.335D 08	32000.00	1.013D 05
964.52	2.833D 09	1815.53	1.007D 09	3686.83	2.579D 03	3879.67	2.264D 08	34121.04	7.906D 04
972.54	9.520D 09	1920.32	8.927D 08	3689.19	2.578D 08	3889.05	1.584D 08	39024.39	4.657D 04
981.32	3.011D 09	1980.00	8.340D 08	3689.64	2.578D 08	3902.80	2.245D 08	45573.51	2.530D 04
998.48	2.592D 09	1991.74	9.233D 08	3690.73	2.577D 03	3929.14	2.210D 08	50000.00	1.754D 04
1016.12	2.896D 09	2014.39	8.027D 08	3691.55	2.576D 03	3955.84	2.130D 08	54724.75	1.227D 04
1025.72	7.181D 08	2037.56	7.823D 08	3692.52	2.575D 03	3970.07	1.427D 08	66666.67	5.618D 03
1037.82	2.331D 09	2050.00	7.716D 08	3694.35	2.573D 03	3992.20	2.093D 08	85275.25	2.115D 03

T<sub>EFF</sub> = 20000.0 LOG(G) = 4.00 X = 0.01640 Y = 0.98360

I	TAJ	TE	PG	PE	RHQ	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-07	1.3320 04	9.751D-04	4.876D-03	1.691D-15	1.043D-01	1.430D-01	1.399D 02	1.000D 00	1.000D 00	3.662D-08
3	1.0000-07	1.3320 04	9.580D-03	4.789D-03	1.662D-14	1.043D-01	1.430D-01	1.398D 02	1.000D 00	9.996D-01	3.737D-10
5	1.0000-06	1.3320 04	9.563D-02	4.774D-02	1.656D-13	1.043D-01	1.430D-01	1.309D 02	1.000D 00	9.998D-01	4.333D-10
7	1.0000-05	1.3320 04	9.574D-01	4.711D-01	1.683D-12	1.040D-01	1.430D-01	1.405D 02	1.000D 00	9.664D-01	3.614D-11
9	1.0000-04	1.339D 04	9.575D 00	4.246D 00	1.800D-11	1.040D-01	1.240D-01	1.229D 02	9.998D-01	7.832D-01	4.205D-12
11	1.0000-03	1.371D 04	8.148D 04	2.799D 01	1.803D-10	1.403D-01	1.191D-01	5.350D 01	9.994D-01	4.914D-01	1.305D-12
13	1.359D-03	1.386D 04	1.047D 02	3.596D 01	2.291D-10	1.605D-01	1.137D 00	2.391D 01	9.993D-01	4.916D-01	1.714D-12
15	1.848D-03	1.396D 04	1.342D 02	4.523D 01	2.945D-10	1.790D-01	1.163D 01	1.163D 01	9.992D-01	4.754D-01	1.855D-12
17	2.512D-03	1.369D 04	1.718D 02	5.297D 01	3.951D-10	1.784D-01	1.070D-01	3.513D 01	9.990D-01	4.091D-01	1.082D-12
19	3.412D-03	1.396D 04	2.182D 02	6.593D 01	5.071D-10	1.958D-01	7.331D-02	2.555D 01	9.989D-01	3.862D-01	1.045D-12
21	4.642D-03	1.404D 04	2.763D 02	7.995D 01	6.462D-10	2.176D-01	8.493D 00	2.028D 01	9.988D-01	3.678D-01	1.057D-12
23	6.310D-03	1.418D 04	3.458D 02	9.994D 01	8.017D-10	2.535D-01	3.123D 00	-3.953D 01	9.987D-01	3.669D-01	1.331D-12
25	8.577D-03	1.423D 04	4.313D 04	1.202D 02	1.010D-09	2.782D-01	3.001D 00	-1.508D 01	9.985D-01	3.456D-01	1.261D-12
27	1.166D-02	1.426D 04	5.332D 02	1.811D 02	1.239D-09	3.226D-01	2.348D 00	-3.064D 01	9.984D-01	3.436D-01	1.540D-12
29	1.585D-02	1.452D 04	6.515D 02	1.831D 02	1.491D-09	3.828D-01	1.942D 00	-2.675D 02	9.983D-01	3.505D-01	2.107D-12
31	2.154D-02	1.471D 04	7.835D 02	2.270D 02	1.748D-09	4.643D-01	1.126D 00	-1.845D 02	9.982D-01	3.685D-01	3.280D-12
33	2.929D-02	1.491D 04	9.316D 02	2.786D 02	2.024D-09	5.612D-01	1.267D 00	7.243D 00	9.981D-01	3.886D-01	5.148D-12
35	3.981D-02	1.511D 04	1.098D 03	3.397D 02	2.317D-09	6.769D-01	1.390D 00	-4.779D 02	9.980D-01	4.115D-01	8.210D-12
37	5.412D-02	1.535D 04	1.283D 03	4.144D 02	2.616D-09	8.253D-01	1.380D 00	-3.606D 02	9.981D-01	4.423D-01	1.418D-11
39	7.356D-02	1.563D 04	1.486D 03	5.078D 02	2.893D-09	1.024D 00	4.332D 00	-8.480D 02	9.982D-01	4.870D-01	2.816D-11
41	1.000D-01	1.594D 04	1.709D 03	6.185D 02	3.160D-09	1.265D 00	2.616D 00	-6.974D 02	9.983D-01	5.386D-01	5.883D-11
43	1.259D-01	1.618D 04	1.869D 03	7.117D 02	3.363D-09	1.466D 00	2.471D 00	-4.682D 02	9.982D-01	5.781D-01	1.021D-10
45	1.585D-01	1.646D 04	2.082D 03	8.194D 02	3.546D-09	1.703D 00	2.322D 00	-3.469D 02	9.984D-01	6.256D-01	1.931D-10
47	1.995D-01	1.677D 04	2.295D 03	9.439D 02	3.722D-09	1.972D 00	3.350D 00	-4.058D 01	9.986D-01	6.786D-01	3.942D-10
49	2.512D-01	1.714D 04	2.525D 03	1.083D 03	3.888D-09	2.247D 00	4.377D 00	-6.799D 02	9.986D-01	7.339D-01	8.842D-10
51	3.162D-01	1.750D 04	2.781D 03	1.230D 03	4.098D-09	2.510D 00	3.941D 00	-4.543D 02	9.986D-01	7.789D-01	1.832D-09
53	3.981D-01	1.787D 04	3.072D 03	1.393D 03	4.340D-09	2.769D 00	2.220D 00	-3.553D 02	9.986D-01	8.191D-01	3.788D-09
55	5.012D-01	1.826D 04	3.404D 03	1.577D 03	4.626D-09	3.025D 00	3.705D 00	-2.218D 02	9.986D-01	8.538D-01	7.781D-09
57	6.310D-01	1.867D 04	3.789D 03	1.785D 03	4.958D-09	3.275D 00	6.351D 00	-1.581D 02	9.986D-01	8.841D-01	1.626D-08
59	7.943D-01	1.913D 04	4.238D 03	2.026D 03	5.344D-09	3.517D 00	4.143D 00	-9.869D 01	9.986D-01	9.103D-01	3.502D-08
61	1.000D 00	1.965D 04	4.767D 03	2.307D 03	5.785D-09	3.743D 00	6.161D 00	-4.244D 02	9.987D-01	9.335D-01	8.154D-08
63	1.259D 00	2.023D 04	5.396D 03	2.536D 03	6.306D-09	3.953D 00	4.139D 00	-3.290D 02	9.988D-01	9.519D-01	1.957D-07
65	1.585D 00	2.086D 04	6.149D 03	3.024D 03	6.921D-09	4.151D 00	2.513D 00	-2.414D 02	9.988D-01	9.659D-01	4.813D-07
67	1.995D 00	2.148D 04	7.051D 03	3.840D 03	7.673D-09	4.377D 00	1.772D 01	-1.934D 02	9.989D-01	9.751D-01	1.094D-06
69	2.512D 00	2.214D 04	8.130D 03	4.030D 03	8.556D-09	4.615D 00	1.772D 01	-2.524D 02	9.989D-01	9.818D-01	2.459D-06
71	3.162D 00	2.285D 04	9.420D 03	4.630D 03	9.587D-09	4.863D 00	1.512D 01	-3.181D 02	9.990D-01	9.868D-01	5.535D-06
73	3.981D 00	2.359D 04	1.096D 04	5.457D 03	1.079D-08	5.126D 00	2.582D 00	-3.444D 02	9.991D-01	9.904D-01	1.239D-05
75	5.012D 00	2.439D 04	1.281D 04	6.385D 03	1.218D-08	5.401D 00	1.365D 00	-2.918D 02	9.991D-01	9.930D-01	2.776D-05
77	6.310D 00	2.519D 04	1.502D 04	7.691D 03	1.381D-08	5.731D 00	1.588D 00	-2.497D 02	9.992D-01	9.947D-01	5.794D-05
79	7.943D 00	2.598D 04	1.763D 04	8.795D 03	1.571D-08	6.102D 00	1.585D 00	-2.705D 02	9.992D-01	9.953D-01	1.143D-04
81	1.000D 01	2.693D 04	2.073D 04	1.035D 04	1.782D-08	6.415D 00	1.389D 01	-4.086D 02	9.992D-01	9.960D-01	2.516D-04
83	1.259D 01	2.804D 04	2.447D 04	1.222D 04	2.019D-08	6.694D 00	1.418D 01	-5.425D 02	9.993D-01	9.963D-01	5.943D-04
85	1.585D 01	2.911D 04	2.896D 04	1.447D 04	2.301D-08	7.078D 00	2.711D 00	-4.864D 02	9.992D-01	9.962D-01	1.263D-03
87	1.995D 01	3.018D 04	3.428D 04	1.714D 04	2.655D-08	7.546D 00	2.240D-03	-4.144D 02	9.992D-01	9.954D-01	2.519D-03
89	2.512D 01	3.129D 04	4.055D 04	2.030D 04	2.990D-08	8.092D 00	9.153D 00	-3.102D 02	9.992D-01	9.933D-01	4.885D-03
91	3.162D 01	3.255D 04	4.788D 04	2.404D 04	3.386D-08	8.702D 00	1.506D 01	-7.706D 01	9.992D-01	9.887D-01	9.896D-03
93	3.981D 01	3.400D 04	5.638D 04	2.845D 04	3.797D-08	9.514D 00	1.349D 01	1.133D 02	9.993D-01	9.778D-01	2.103D-02
95	5.012D 01	3.558D 04	6.590D 04	3.360D 04	4.195D-08	1.086D 01	1.410D 01	2.902D 02	9.993D-01	9.545D-01	4.446D-02
97	6.310D 01	3.730D 04	7.592D 04	3.951D 04	4.512D-08	1.330D 01	1.286D 01	4.649D 02	9.993D-01	9.074D-01	9.167D-02
99	7.943D 01	3.915D 04	8.561D 04	4.510D 04	4.665D-08	1.761D 01	1.297D 01	6.214D 02	9.993D-01	8.207D-01	1.785D-01

TIME = 2000.0 LOG(G) = 4.00 X = 0.01640 Y = 0.98360									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	8.1680 05	1051.56	2.8820 09	2050.00	7.6770 03	3696.18	2.5460 08	4034.83	2.0390 08
546.43	1.7550 05	1086.41	2.7720 09	2127.72	7.0520 03	3697.15	2.5460 08	4078.38	1.9590 08
649.39	1.8110 06	1100.00	2.7140 09	2292.47	5.9350 03	3698.31	2.5450 08	4101.73	1.1420 08
800.11	1.0270 07	1112.26	2.6630 09	2484.88	4.9030 08	3700.50	2.5430 08	4141.06	1.8660 08
911.76	2.3720 07	1136.26	2.5660 09	2600.00	4.3910 08	3702.69	2.5390 08	4217.72	1.7550 08
911.76	2.4480 07	1161.33	2.4680 09	2600.00	4.3910 08	3703.85	2.5370 08	4297.27	1.6420 08
913.07	2.6790 07	1175.00	2.4170 09	2677.27	4.2550 08	3705.25	2.5360 08	4340.46	9.7580 07
915.54	3.3410 07	1181.83	2.3920 09	2837.09	3.6480 08	3707.91	2.5330 08	4422.28	1.4890 08
918.03	4.3630 07	1194.99	2.3430 09	3017.20	3.0920 03	3710.56	2.5260 08	4586.15	1.3150 08
919.35	5.2860 07	1208.45	2.2310 09	3121.75	2.8220 03	3711.97	2.5230 08	4762.63	1.1520 08
919.63	5.4890 07	1215.57	5.3980 08	3121.76	2.8740 03	3713.69	2.5210 08	4861.32	6.9310 07
920.16	5.4990 07	1216.42	5.4070 08	3169.76	2.7570 03	3716.95	2.5170 08	4892.89	1.0460 08
920.68	6.3730 07	1217.93	1.5310 09	3264.93	2.5420 03	3720.21	2.5020 08	4953.86	1.0030 08
920.96	6.9600 07	1219.25	1.9760 09	3365.99	2.3320 03	3721.94	2.4960 08	5016.38	9.6080 07
921.34	7.1900 07	1220.00	2.0680 09	3421.87	2.2240 03	3724.08	2.4970 08	5050.00	9.3910 07
922.06	8.9640 07	1223.41	2.1920 09	3421.87	2.2450 03	3728.14	2.4950 08	5123.58	8.9300 07
922.77	8.4660 07	1229.92	2.2030 09	3458.74	2.8430 03	3732.22	2.4650 08	5269.12	8.0930 07
923.15	9.0280 07	1236.50	2.1970 09	3530.87	2.6540 03	3734.37	2.4480 08	5423.16	7.3080 07
923.68	9.4960 07	1240.00	2.1880 09	3606.08	2.4730 03	3737.09	2.4600 08	5509.11	6.9200 07
924.69	1.4260 08	1249.96	2.1570 09	3647.05	2.3450 03	3742.24	2.4640 08	5665.32	6.2660 07
925.69	1.2500 08	1259.29	2.1010 09	3647.05	2.3450 03	3747.42	2.4060 08	5989.38	5.1430 07
926.22	1.3460 08	1289.23	2.0330 09	3649.67	2.3430 03	3750.15	2.3680 08	6352.76	4.1700 07
927.00	1.4240 08	1300.00	2.0010 09	3654.64	2.3310 03	3753.57	2.4100 08	6562.80	2.7550 07
928.48	4.2450 08	1316.23	1.9560 09	3659.62	2.3230 08	3760.36	2.4400 08	6797.77	3.2700 07
929.96	1.5760 08	1348.15	1.8640 09	3662.26	2.3200 08	3767.08	2.3490 08	7292.74	2.5420 07
930.75	1.6420 08	1381.65	1.7780 09	3665.27	2.3170 03	3770.63	2.2450 08	7865.45	1.9300 07
931.96	2.5700 08	1400.00	1.7360 09	3670.98	2.3130 03	3775.31	2.3730 08	8205.87	1.8040 07
934.26	1.2100 09	1419.35	1.6860 09	3676.71	2.3130 03	3784.22	2.4260 08	8205.87	1.6320 07
936.58	4.0140 08	1457.53	1.5950 09	3679.74	2.3120 03	3793.16	2.2860 08	8862.47	1.3700 07
937.80	2.5990 08	1497.93	1.5130 09	3680.27	2.5500 03	3797.30	2.0450 08	10443.64	7.3760 06
939.84	1.1260 09	1520.00	1.4710 09	3681.28	2.5500 03	3804.32	2.3280 08	12726.36	3.4880 06
943.74	2.3200 09	1543.12	1.4170 09	3682.28	2.5510 03	3816.55	2.4020 08	14380.00	2.1860 06
949.74	2.6310 08	1595.10	1.3280 09	3682.81	2.5500 03	3828.85	2.2680 08	15890.88	1.5360 06
953.60	2.3350 09	1678.00	1.1910 09	3683.50	2.5520 08	3835.38	1.8230 08	19843.04	6.4780 05
961.00	3.0150 09	1723.39	1.1250 09	3686.13	2.5520 03	3844.54	2.3050 08	26411.82	2.1440 05
968.52	2.6780 09	1815.53	1.0050 09	3686.83	2.5520 03	3879.67	2.2370 08	32000.00	1.0070 05
972.54	4.3250 08	1920.32	8.9040 08	3687.04	2.5520 03	3889.05	1.5280 08	34121.04	7.8610 04
981.32	3.0730 09	1980.00	8.2930 08	3689.19	2.5510 03	3902.80	2.2400 08	39024.39	4.6240 04
998.42	3.1320 09	1991.74	8.2100 08	3690.73	2.5500 03	3929.14	2.2230 08	45573.51	2.5090 04
1016.12	2.9730 09	2014.39	7.9990 08	3691.55	2.5490 03	3955.84	2.1520 08	50000.00	1.7380 04
1025.72	3.1720 08	2037.56	7.8010 08	3692.52	2.5490 03	3970.07	1.3340 08	54724.75	1.2140 04
1037.82	2.9010 09	2050.00	7.6770 08	3694.35	2.5480 03	3992.20	2.1030 08	66666.67	5.5550 03
								95275.25	2.0860 03

TEFF = 20000.0 LOG(G) = 4.50 X = 0.01540 Y = 0.98360

I	TAJ	TE	PG	PE	RHO	KAPZ	D=(%)	D TE	X+2	XHE2	XHE3
1	1.0000-08	1.3590 04	3.0900-03	1.5450-03	5.2550-15	1.0430-01	9.7970-02	5.5390 01	1.0000 00	9.9990-01	3.0700-08
3	1.0000-07	1.3590 04	3.0360-02	1.5170-02	5.1630-14	1.0430-01	9.7970-02	5.5310 01	1.0000 00	9.9930-01	3.1350-09
5	1.0000-06	1.3600 04	3.0270-01	1.5090-01	5.1570-13	1.0450-01	9.7970-02	5.4170 01	1.0000 00	9.9330-01	3.3140-10
7	1.0000-05	1.3580 04	2.9970 00	1.4530 00	5.2560-12	1.0640-01	9.7990-02	5.5820 01	9.9990-01	9.3670-01	2.9760-11
9	1.0000-04	1.3520 04	2.8690 01	1.1330 01	5.9340-11	1.1370-01	9.9010-02	5.9590 01	9.9970-01	6.2970-01	2.0390-12
11	1.0000-03	1.3650 04	2.3890 02	5.9630 01	6.0720-10	1.5280-01	1.1360 01	4.0580 01	9.9870-01	2.8810-01	2.8320-13
13	1.3590-03	1.3710 04	3.0920 02	7.3830 01	7.9340-09	1.6820-01	1.1900-01	3.2780 01	9.9860-01	2.6790-01	2.6910-13
15	1.8480-03	1.3770 04	3.9700 02	9.0330 01	1.0290-09	1.8420-01	1.2560-01	2.5680 01	9.9840-01	2.4760-01	2.4810-13
17	2.5120-03	1.3820 04	5.0590 02	1.0950 02	1.3250-09	2.0120-01	1.3100-01	1.9490 01	9.9810-01	2.2820-01	2.2550-13
19	3.4150-03	1.3890 04	6.3920 02	1.3330 02	1.6380-09	2.2440-01	1.7500-01	1.2030 01	9.9790-01	2.1500-01	2.2420-13
21	4.6420-03	1.3970 04	8.0100 02	1.6230 02	2.1120-09	2.5240-01	2.2570-01	6.6660 00	9.9760-01	2.0460-01	2.3130-13
23	6.3100-03	1.4060 04	9.9640 02	1.9680 02	2.6290-09	2.8510-01	2.7650-01	3.0990 00	9.9740-01	1.9600-01	2.4400-13
25	8.5770-03	1.4170 04	1.2290 03	2.4090 02	3.2220-09	3.3110-01	3.5910-01	1.8640 00	9.9710-01	1.9350-01	2.9010-13
27	1.1660-02	1.4330 04	1.4950 03	2.9780 02	3.8610-09	3.9690-01	5.6730-01	7.6010-01	9.9590-01	1.9880-01	4.0180-13
29	1.5850-02	1.4500 04	1.7970 03	3.6910 02	4.5530-09	4.8180-01	6.3990-01	2.1410 00	9.9680-01	2.0830-01	5.9690-13
31	2.1540-02	1.4700 04	2.1300 03	4.5400 02	5.2710-09	5.9100-01	6.5090-01	2.3260 00	9.9670-01	2.2240-01	9.4900-13
33	2.9290-02	1.4900 04	2.4990 03	5.5710 02	6.0230-09	7.2680-01	5.8640-01	1.0220 00	9.9660-01	2.3950-01	1.5550-12
35	3.9810-02	1.5140 04	2.9040 03	6.8720 02	6.7650-09	9.1140-01	4.3170-01	-1.9920 00	9.9660-01	2.6420-01	2.8230-12
37	5.4120-02	1.5390 04	3.3370 03	8.4200 02	7.4900-09	1.1420 00	3.4350-01	-4.1910 00	9.9670-01	2.9350-01	5.2680-12
39	7.3560-02	1.5660 04	3.8080 03	1.0260 03	8.2820-09	1.4280 00	3.5080-01	-4.3930 00	9.9680-01	3.2720-01	1.0040-11
41	1.0000-01	1.6020 04	4.3040 03	1.2780 03	8.7280-09	1.8730 00	2.9810-01	-1.1030 00	9.9700-01	3.8420-01	2.4900-11
43	1.2590-01	1.6270 04	4.6940 03	1.4810 03	9.1250-09	2.2360 00	1.3670-01	-1.2230 01	9.9710-01	4.2510-01	4.5820-11
45	1.5850-01	1.6530 04	5.1090 03	1.7030 03	9.5210-09	3.1010 00	-5.3000-02	-1.0330 01	9.9720-01	4.6690-01	8.2660-11
47	1.9950-01	1.7110 04	6.0220 03	2.2350 03	1.0230-08	3.6170 00	-2.1780-01	-8.8460 00	9.9730-01	5.1270-01	1.5310-10
49	2.5120-01	1.7450 04	6.5330 03	2.5570 03	1.0530-08	4.2090 00	-4.3450-01	-7.7000 00	9.9730-01	5.6290-01	3.0100-10
51	3.1620-01	1.7890 04	7.0840 03	2.9360 03	1.0720-08	4.8880 00	-8.3680-01	-8.6390 00	9.9740-01	6.1950-01	6.3390-10
53	3.9810-01	1.8390 04	7.6890 03	3.3370 03	1.0970-08	5.3270 00	-1.3390 00	-7.2220 00	9.9750-01	6.8850-01	1.5660-09
55	5.0120-01	1.8780 04	8.3690 03	3.7600 03	1.1340-08	6.1040 00	-2.1030 00	-1.8320 00	9.9760-01	8.0380-01	8.7100-09
57	6.3100-01	1.9250 04	9.1430 03	4.2200 03	1.1820-08	6.6280 00	-2.9170 00	7.0430 00	9.9770-01	8.4760-01	1.9640-08
61	1.0000 00	1.9740 04	1.0050 04	4.7360 03	1.2450-08	7.1030 00	-3.3790 00	1.9920 01	9.9790-01	8.8360-01	4.4060-08
63	1.2590 00	2.0270 04	1.1130 04	5.3260 03	1.3230-08	7.5390 00	-5.1310 00	3.7460 01	9.9790-01	9.1280-01	9.9590-08
65	1.5850 00	2.0840 04	1.2410 04	6.0100 03	1.4190-08	7.9450 00	-6.0900 00	5.9830 01	9.9810-01	9.3560-01	2.2690-07
67	1.9950 00	2.1420 04	1.3940 04	6.8100 03	1.5380-08	8.3560 00	-6.7320 00	8.7240 01	9.9820-01	9.5220-01	4.9900-07
69	2.5120 00	2.2050 04	1.5780 04	7.7570 03	1.6820-08	8.7700 00	-7.3050 00	1.1900 02	9.9830-01	9.6480-01	1.0990-06
71	3.1620 00	2.2730 04	1.7990 04	8.8850 03	1.8510-08	9.1890 00	-8.7310 00	1.5520 02	9.9850-01	9.7440-01	2.4620-06
73	3.9810 00	2.3470 04	2.0650 04	1.0240 04	2.0500-08	9.6050 00	-1.0060 01	1.9510 02	9.9860-01	9.8170-01	5.6400-06
75	5.0120 00	2.4300 04	2.3870 04	1.1860 04	2.2830-08	1.0010 01	-1.1620 01	2.4070 02	9.9870-01	9.8700-01	1.3350-05
77	6.3100 00	2.5120 04	2.7740 04	1.3810 04	2.5630-08	1.0520 01	-1.2440 01	2.9470 02	9.9880-01	9.9050-01	2.9240-05
79	7.9430 00	2.5920 04	3.2360 04	1.6120 04	2.8950-08	1.1130 01	-1.4360 01	3.5960 02	9.9890-01	9.9190-01	5.8980-05
81	1.0000 00	2.6850 04	3.7880 04	1.8880 04	3.2700-08	1.1690 01	-1.7410 01	4.3780 02	9.9890-01	9.9320-01	1.2760-04
83	1.2590 01	2.7900 04	4.4520 04	2.2210 04	3.6960-08	1.2220 01	-2.3590 01	5.3210 02	9.9890-01	9.9440-01	2.8930-04
85	1.5850 01	2.8980 04	5.2510 04	2.6210 04	4.1940-08	1.2850 01	-2.2790 01	6.4440 02	9.9890-01	9.9510-01	6.2800-04
87	1.9950 01	3.0070 04	6.2020 04	3.0980 04	4.7710-08	1.3610 01	-2.4490 01	7.7240 02	9.9890-01	9.9520-01	1.2820-03
89	2.5120 01	3.1190 04	7.3310 04	3.6650 04	5.4320-08	1.4500 01	-2.7180 01	9.1370 02	9.9890-01	9.9460-01	2.5130-03
91	3.1620 01	3.2440 04	8.6640 04	4.3380 04	6.1630-08	1.5420 01	-3.0310 01	1.0720 03	9.9890-01	9.9260-01	5.1240-03
93	3.9810 01	3.3870 04	1.0240 05	5.1140 04	6.9560-08	1.6510 01	-3.4030 01	1.2510 03	9.9900-01	9.8740-01	1.0850-02
95	5.0120 01	3.5430 04	1.2070 05	6.0930 04	7.7910-08	1.8100 01	-3.7080 01	1.4490 03	9.9900-01	9.7530-01	2.3030-02
97	6.3100 01	3.6990 04	1.4110 05	7.1970 04	8.6450-08	2.0710 01	-3.9190 01	1.4600 03	9.9900-01	9.5370-01	4.4720-02
99	7.9430 01	3.8740 04	1.6290 05	8.4650 04	9.3360-08	2.5180 01	-3.3650 01	1.4430 03	9.9900-01	9.1010-01	8.8570-02



TEFF = 20000.0 LOG(G) = 4.5C X = C.01640 Y = 0.98360									
-LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
911.70	1.9490 07	1061.56	2.9520 09	2050.00	7.749D 03	3696.18	2.491D 08	4034.83	2.047D 08
912.86	2.0490 07	1085.41	2.848D 09	2127.72	7.115D 03	3697.15	2.491D 08	4078.38	1.956D 08
914.94	2.465D 07	1100.00	2.788D 09	2292.47	5.937D 03	3698.31	2.490D 08	4101.73	1.050D 08
917.02	2.738D 07	1112.26	2.731D 09	2484.88	4.983D 03	3700.50	2.489D 08	4141.06	1.871D 08
918.13	2.978D 07	1136.26	2.629D 09	2600.00	4.418D 03	3702.89	2.487D 08	4217.72	1.763D 08
918.13	2.978D 07	1161.33	2.526D 09	2600.00	4.418D 03	3703.88	2.486D 08	4297.27	1.650D 08
918.34	3.017D 07	1175.00	2.470D 09	2677.27	4.273D 03	3705.25	2.485D 08	4340.46	8.947D 07
918.74	3.159D 07	1181.83	2.437D 09	2837.09	3.664D 03	3707.91	2.483D 08	4422.28	1.497D 08
919.14	3.254D 07	1194.99	2.377D 09	3017.20	3.105D 03	3710.56	2.479D 08	4586.15	1.320D 08
919.35	3.336D 07	1208.45	2.197D 09	3121.75	2.835D 03	3711.97	2.478D 08	4762.63	1.157D 08
919.63	3.477D 07	1215.57	2.693D 08	3121.76	2.983D 03	3713.69	2.476D 08	4861.32	5.422D 07
920.16	3.486D 07	1216.42	2.692D 08	3169.76	2.763D 03	3716.95	2.474D 08	4892.89	1.047D 08
920.63	3.834D 07	1217.83	1.041D 09	3264.93	2.543D 03	3720.21	2.465D 08	4953.86	1.008D 08
920.95	4.014D 07	1219.25	1.717D 09	3365.99	2.334D 03	3721.94	2.462D 08	5016.38	9.655D 07
921.34	4.147D 07	1220.00	1.891D 09	3421.87	2.228D 03	3724.08	2.462D 08	5050.00	9.432D 07
922.56	4.078D 07	1223.41	2.166D 09	3421.87	2.915D 03	3728.14	2.460D 08	5118.61	8.997D 07
922.77	4.562D 07	1229.92	2.232D 09	3458.74	2.813D 03	3732.22	2.441D 08	5253.92	8.209D 07
923.15	4.741D 07	1236.50	2.228D 09	3530.87	2.627D 03	3734.37	2.432D 08	5396.58	7.470D 07
923.63	4.902D 07	1240.00	2.220D 09	3606.08	2.450D 03	3737.09	2.437D 08	5475.00	7.098D 07
924.69	6.303D 07	1249.96	2.191D 09	3647.05	2.360D 03	3742.24	2.435D 08	5636.32	6.405D 07
925.64	5.341D 07	1269.29	2.130D 09	3647.05	2.314D 03	3747.42	2.391D 08	5969.75	5.220D 07
926.22	6.077D 07	1289.23	2.069D 09	3649.67	2.308D 03	3750.15	2.364D 08	6345.11	4.198D 07
927.00	6.336D 07	1300.00	2.035D 09	3654.64	2.298D 03	3753.67	2.391D 08	6562.80	2.618D 07
928.44	1.315D 08	1316.23	1.984D 09	3659.52	2.291D 08	3760.36	2.405D 08	6797.77	3.278D 07
929.99	6.806D 07	1345.15	1.893D 09	3662.26	2.287D 03	3767.08	2.327D 08	7292.74	2.543D 07
930.73	6.975D 07	1381.65	1.802D 09	3665.27	2.284D 03	3770.53	2.256D 08	7865.45	1.932D 07
931.96	9.015D 07	1400.00	1.755D 09	3670.98	2.279D 03	3775.31	2.339D 08	8205.87	1.799D 07
934.27	5.231D 08	1419.35	1.705D 09	3676.71	2.275D 03	3784.22	2.378D 08	8205.87	1.635D 07
936.53	1.419D 08	1457.53	1.616D 09	3679.74	2.275D 03	3793.16	2.242D 08	8862.47	1.372D 07
937.50	9.800D 07	1497.83	1.528D 09	3680.27	2.492D 03	3797.90	2.058D 08	10448.64	7.375D 06
939.84	5.066D 08	1520.00	1.484D 09	3681.28	2.492D 03	3804.32	2.279D 08	12726.36	3.484D 06
943.74	1.729D 09	1545.12	1.433D 09	3682.28	2.492D 03	3816.55	2.366D 08	14380.00	2.182D 06
947.66	5.598D 08	1595.10	1.341D 09	3682.81	2.492D 03	3828.85	2.201D 08	15890.88	1.530D 06
949.74	1.016D 09	1648.41	1.251D 09	3683.50	2.492D 03	3835.38	1.823D 08	19843.04	6.453D 05
953.60	1.716D 09	1678.00	1.204D 09	3684.82	2.492D 03	3844.54	2.252D 08	26411.82	2.132D 05
961.00	2.370D 09	1723.39	1.137D 09	3686.13	2.492D 03	3862.03	2.328D 08	32000.00	1.001D 05
969.52	2.232D 09	1816.53	1.014D 09	3686.33	2.492D 03	3879.07	2.164D 08	34121.04	7.805D 04
972.54	1.501D 08	1920.32	8.971D 08	3687.64	2.492D 03	3889.05	1.485D 08	39024.39	4.588D 04
981.30	3.031D 09	1983.00	8.377D 08	3689.19	2.492D 03	3902.80	2.206D 08	45573.51	2.487D 04
998.42	3.187D 09	1991.74	8.272D 08	3690.73	2.492D 03	3929.14	2.227D 08	50000.00	1.721D 04
1016.12	2.940D 09	2014.39	8.063D 08	3691.55	2.492D 03	3955.34	2.124D 08	54724.75	1.203D 04
1025.72	1.350D 08	2037.56	7.856D 08	3692.52	2.492D 03	3970.07	1.253D 08	66666.67	5.493D 03
1037.62	2.941D 09	2050.00	7.748D 08	3694.35	2.492D 03	3992.20	2.101D 08	85275.25	2.063D 03

TEFF = 20000.0 LOG(G) = 2.50 X = 0.14300 Y = 0.85700

I	TAJ	TE	PG	PE	RHD	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0003-C8	1.315D 04	1.968D-05	9.842D-06	2.539D-17	1.420D-01	5.9123-01	-7.491D 00	1.0002 00	1.000D 00	9.555D-07
3	1.0003-C7	1.315D 04	1.929D-04	9.843D-05	2.488D-16	1.420D-01	6.9123-01	-7.488D 00	1.0002 00	1.000D 00	9.752D-08
5	1.0003-C6	1.315D 04	1.925D-03	9.622D-04	2.483D-15	1.420D-01	5.9123-01	-7.490D 00	1.0002 00	1.000D 00	9.999D-C1
7	1.0003-C5	1.315D 04	1.924D-02	9.617D-03	2.483D-14	1.420D-01	6.9123-01	-7.493D 00	1.0002 00	1.000D 00	9.990D-01
9	1.0003-C4	1.315D 04	1.923D-01	9.586D-02	2.487D-13	1.421D-01	6.9123-01	-9.325D 00	1.0002 00	1.000D 00	9.805D-11
11	1.0003-C3	1.323D 04	1.906D 00	9.309D-01	2.500D-12	1.437D-01	6.9153-01	-7.400D 00	9.9993-01	9.251D-01	1.241D-11
13	1.359D-C3	1.323D 04	2.579D 00	1.253D 00	3.391D-12	1.445D-01	6.9173-01	-6.354D 00	9.9993-01	9.084D-01	1.065D-11
15	1.848D-C3	1.333D 04	3.482D 00	1.533D 00	4.580D-12	1.467D-01	6.9203-01	-5.210D 00	9.9993-01	8.920D-01	9.850D-12
17	2.512D-C3	1.342D 04	4.686D 00	2.254D 00	6.151D-12	1.496D-01	6.926D-01	-4.005D 00	9.9993-01	8.777D-01	9.919D-12
19	3.415D-C3	1.352D 04	6.273D 00	3.006D 00	8.198D-12	1.538D-01	6.935D-01	-2.643D 00	9.9993-01	8.666D-01	1.088D-11
21	4.642D-C3	1.365D 04	8.349D 00	3.909D 00	1.083D-11	1.596D-01	6.935D-01	-1.384D 00	9.9993-01	8.593D-01	1.289D-11
23	6.310D-C3	1.379D 04	1.104D 01	5.266D 00	1.419D-11	1.672D-01	6.932D-01	-1.487D 00	9.998D-01	8.547D-01	1.600D-11
25	8.577D-C3	1.394D 04	1.470D 01	6.900D 00	1.843D-11	1.767D-01	7.045D-01	-1.302D 00	9.998D-01	8.520D-01	2.043D-11
27	1.166D-C2	1.409D 04	1.883D 01	8.971D 00	2.373D-11	1.883D-01	7.152D-01	-3.147D 00	9.998D-01	8.501D-01	2.624D-11
29	1.585D-C2	1.425D 04	2.429D 01	1.157D 00	3.028D-11	2.025D-01	7.266D-01	-5.323D 00	9.998D-01	8.496D-01	3.423D-11
31	2.154D-C2	1.441D 04	3.106D 01	1.480D 01	3.827D-11	2.194D-01	7.453D-01	-8.706D 00	9.998D-01	8.505D-01	4.537D-11
33	2.929D-C2	1.459D 04	3.934D 01	1.877D 01	4.786D-11	2.395D-01	7.503D-01	-1.333D 01	9.997D-01	8.537D-01	6.195D-11
35	3.981D-C2	1.478D 04	4.935D 01	2.351D 01	5.999D-11	2.630D-01	8.142D-01	-1.562D 01	9.997D-01	8.618D-01	9.185D-11
37	5.412D-C2	1.502D 04	6.141D 01	2.951D 01	7.205D-11	2.899D-01	8.156D-01	-1.704D 01	9.997D-01	8.756D-01	1.525D-10
39	7.356D-C2	1.530D 04	7.584D 01	3.667D 01	8.666D-11	3.200D-01	8.556D-01	-1.547D 01	9.997D-01	8.937D-01	2.833D-10
41	1.0003-C1	1.563D 04	9.295D 01	4.525D 01	1.035D-10	3.523D-01	9.067D-01	-1.529D 01	9.997D-01	9.144D-01	5.955D-10
43	1.259D-C1	1.589D 04	1.080D 02	5.278D 01	1.178D-10	3.775D-01	8.363D-01	-9.034D 00	9.997D-01	9.278D-01	1.045D-09
45	1.585D-C1	1.623D 04	1.253D 02	6.158D 01	1.333D-10	4.026D-01	8.633D-01	-1.409D 01	9.998D-01	9.441D-01	2.195D-09
47	1.995D-C1	1.657D 04	1.455D 02	7.180D 01	1.510D-10	4.293D-01	6.332D-01	-1.999D 01	9.998D-01	9.561D-01	4.429D-09
49	2.512D-C1	1.690D 04	1.692D 02	8.366D 01	1.716D-10	4.580D-01	5.691D-01	-2.910D 01	9.998D-01	9.646D-01	8.560D-09
51	3.162D-C1	1.724D 04	1.966D 02	9.744D 01	1.952D-10	4.884D-01	4.903D-01	-2.232D 01	9.998D-01	9.705D-01	1.632D-08
53	3.981D-C1	1.770D 04	2.287D 02	1.132D 02	2.207D-10	5.149D-01	4.303D-01	-5.101D 00	9.998D-01	9.777D-01	3.878D-08
55	5.612D-C1	1.819D 04	2.666D 02	1.326D 02	2.499D-10	5.426D-01	2.757D-01	-4.353D-01	9.998D-01	9.833D-01	9.260D-08
57	6.310D-C1	1.872D 04	3.116D 02	1.552D 02	2.835D-10	5.769D-01	6.504D-02	-6.961D 00	9.998D-01	9.877D-01	2.278D-07
59	7.943D-C1	1.926D 04	3.652D 02	1.821D 02	3.265D-10	6.018D-01	-9.357D-02	-1.489D 01	9.998D-01	9.909D-01	5.460D-07
61	1.0003-C0	1.985D 04	4.293D 02	2.142D 02	3.677D-10	6.345D-01	-2.978D-01	-1.112D 01	9.998D-01	9.934D-01	1.321D-06
63	1.259D-C0	2.051D 04	5.055D 02	2.524D 02	4.188D-10	6.661D-01	-1.963D-01	-1.061D 00	9.998D-01	9.953D-01	3.377D-06
65	1.585D-C0	2.122D 04	5.970D 02	2.982D 02	4.777D-10	6.985D-01	1.404D-01	1.544D 00	9.998D-01	9.967D-01	8.817D-06
67	1.995D-C0	2.199D 04	7.066D 02	3.531D 02	5.456D-10	7.326D-01	-3.116D-01	3.531D 00	9.998D-01	9.977D-01	2.285D-05
69	2.512D-C0	2.280D 04	8.381D 02	4.188D 02	6.240D-10	7.688D-01	-8.527D-01	5.078D 00	9.998D-01	9.984D-01	5.859D-05
71	3.162D-C0	2.366D 04	9.959D 02	4.978D 02	7.144D-10	8.076D-01	-1.292D 00	8.665D 00	9.998D-01	9.993D-01	1.478D-04
73	3.981D-C0	2.459D 04	1.185D 03	5.924D 02	8.177D-10	8.465D-01	-6.986D-01	8.981D 00	9.998D-01	9.989D-01	3.762D-04
75	5.012D-C0	2.561D 04	1.412D 03	7.059D 02	9.353D-10	8.859D-01	1.433D 00	-1.103D 00	9.998D-01	9.985D-01	9.707D-04
77	6.310D-C0	2.664D 04	1.683D 03	8.418D 02	1.071D-09	9.300D-01	2.537D 00	-2.255D 01	9.998D-01	9.972D-01	2.336D-03
79	7.943D-C0	2.767D 04	2.003D 03	1.003D 03	1.226D-09	9.904D-01	-6.387D-01	-2.140D 01	9.998D-01	9.943D-01	5.213D-03
81	1.0003-C1	2.894D 04	2.370D 03	1.190D 03	1.384D-09	1.044D 00	-3.187D 00	-2.853D-01	9.998D-01	9.863D-01	1.327D-02
83	1.259D-C1	3.043D 04	2.782D 03	1.406D 03	1.535D-09	1.125D 00	-2.594D 00	2.533D 01	9.998D-01	9.635D-01	3.616D-02
85	1.585D-C1	3.186D 04	3.232D 03	1.555D 03	1.680D-09	1.283D 00	7.041D-01	2.145D 01	9.998D-01	9.168D-01	8.292D-02
87	1.995D-C1	3.312D 04	3.695D 03	1.929D 03	1.809D-09	1.533D 00	3.189D 00	2.381D 00	9.998D-01	8.457D-01	1.541D-01
89	2.512D-C1	3.433D 04	4.130D 03	2.211D 03	1.897D-09	1.872D 00	8.201D-01	-8.823D 00	9.998D-01	7.462D-01	2.536D-01
91	3.162D-C1	3.589D 04	4.450D 03	2.478D 03	1.864D-09	2.361D 00	-1.037D 00	-2.687D 00	9.998D-01	5.714D-01	4.284D-01
93	3.981D-C1	3.778D 04	4.604D 03	2.680D 03	1.729D-09	2.843D 00	-2.158D 00	2.244D 00	9.998D-01	3.458D-01	6.541D-01
95	5.012D-C1	3.966D 04	4.699D 03	2.812D 03	1.614D-09	3.042D 00	-1.991D 00	-5.434D-02	9.998D-01	1.820D-01	8.180D-01
97	6.310D-C1	4.135D 04	4.920D 03	2.982D 03	1.590D-09	3.092D 00	9.715D-01	-8.079D-01	9.999D-01	1.003D-01	8.996D-01
99	7.943D-C1	4.293D 04	5.339D 03	3.257D 03	1.646D-09	3.153D 00	2.047D 00	-1.513D 00	9.999D-01	5.932D-02	9.407D-01

TEFF = 20000.0    LOG(G) = 2.50    X = 0.14300    Y = 0.85700									
-LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.069D 05	1061.56	2.625D 09	2050.00	8.223D 03	3696.18	2.093D 08	4034.83	1.895D 08
546.43	2.076D 05	1085.41	2.561D 09	2127.72	7.547D 03	3697.15	2.095D 08	4078.38	1.828D 08
649.38	1.262D 06	1100.00	2.526D 09	2252.47	6.325D 08	3698.31	2.096D 08	4101.73	1.289D 08
800.11	7.366D 06	1112.26	2.494D 09	2494.88	5.197D 08	3700.50	2.122D 08	4141.06	1.742D 08
911.76	1.751D 07	1136.26	2.430D 09	2600.00	4.640D 03	3702.69	2.057D 08	4217.72	1.642D 08
911.76	1.729D 07	1161.33	2.363D 09	2600.00	4.640D 03	3703.85	2.052D 08	4297.27	1.544D 08
913.07	3.181D 07	1175.00	2.326D 09	2677.27	4.413D 08	3705.25	2.074D 08	4340.46	1.106D 08
915.54	4.238D 07	1181.83	2.309D 09	2837.09	3.782D 03	3707.91	2.133D 08	4422.28	1.406D 08
918.03	7.007D 07	1194.99	2.273D 09	3017.20	3.193D 03	3710.56	2.032D 08	4586.15	1.246D 08
919.35	9.514D 07	1208.45	2.216D 09	3121.75	2.912D 08	3711.97	1.999D 08	4762.63	1.098D 08
919.63	1.014D 08	1215.57	1.103D 09	3121.76	2.946D 08	3713.69	2.061D 08	4861.32	7.614D 07
920.68	1.042D 08	1216.42	1.102D 09	3169.76	2.823D 03	3716.95	2.160D 08	4892.89	1.002D 08
920.68	1.279D 08	1217.83	1.901D 09	3254.93	2.597D 03	3720.21	2.001D 08	4953.86	9.617D 07
920.96	1.408D 08	1219.25	2.103D 09	3365.99	2.382D 03	3721.94	1.905D 08	5016.38	9.218D 07
921.34	1.519D 08	1220.00	2.139D 09	3421.87	2.274D 03	3724.08	2.049D 08	5050.00	9.012D 07
922.00	1.512D 08	1223.41	2.182D 09	3421.87	2.570D 03	3728.14	2.206D 08	5123.58	8.580D 07
922.77	1.911D 08	1229.92	2.180D 09	3458.74	2.488D 08	3732.22	2.015D 08	5269.12	7.799D 07
923.15	2.077D 08	1236.50	2.166D 09	3530.97	2.337D 03	3734.37	1.820D 08	5423.16	7.068D 07
923.68	2.229D 08	1240.00	2.157D 09	3606.08	2.191D 03	3737.09	2.077D 08	5508.11	6.701D 07
924.69	3.361D 08	1249.96	2.133D 09	3647.05	2.116D 08	3742.24	2.252D 08	5665.32	6.082D 07
925.69	3.125D 08	1269.29	2.085D 09	3647.05	2.046D 08	3747.42	2.040D 08	5989.38	5.015D 07
926.22	3.356D 08	1289.23	2.035D 09	3649.67	2.041D 03	3750.15	1.709D 08	6352.76	4.081D 07
927.00	3.574D 08	1300.00	2.009D 09	3654.64	2.046D 08	3753.67	2.114D 08	6562.80	2.909D 07
928.48	7.955D 08	1316.23	1.970D 09	3659.62	2.067D 03	3760.36	2.279D 08	6797.77	3.214D 07
929.96	4.185D 08	1348.15	1.895D 09	3662.26	2.083D 03	3767.08	2.110D 08	7292.74	2.503D 07
930.75	4.358D 08	1381.65	1.819D 09	3665.27	2.104D 03	3770.63	1.645D 08	7865.45	1.910D 07
931.96	6.229D 08	1400.00	1.778D 09	3670.98	2.137D 03	3775.31	2.176D 08	8205.87	1.701D 07
934.26	1.544D 09	1419.35	1.736D 09	3676.71	2.148D 03	3784.22	2.275D 08	8205.87	1.572D 07
936.58	8.945D 08	1457.53	1.656D 09	3679.74	2.140D 03	3793.16	2.153D 08	8862.47	1.322D 07
937.80	6.710D 08	1497.83	1.576D 09	3680.27	2.207D 03	3797.90	1.571D 08	10448.64	7.184D 06
939.84	1.594D 09	1520.00	1.535D 09	3681.28	2.203D 03	3804.32	2.195D 08	12726.36	3.424D 06
943.74	2.261D 09	1545.12	1.487D 09	3682.28	2.197D 03	3816.55	2.241D 08	14380.00	2.156D 06
947.66	1.745D 09	1595.10	1.399D 09	3682.81	2.195D 03	3828.85	2.167D 08	15890.88	1.502D 06
949.74	7.121D 08	1648.41	1.312D 09	3683.50	2.190D 03	3835.38	1.536D 08	19843.04	6.383D 05
953.60	2.362D 09	1678.00	1.266D 09	3684.82	2.183D 08	3844.54	2.173D 08	26411.82	2.116D 05
961.00	2.668D 09	1723.39	1.197D 09	3686.13	2.171D 03	3862.03	2.171D 08	32000.00	9.980D 04
968.52	2.555D 09	1815.53	1.073D 09	3686.83	2.163D 03	3879.67	2.115D 08	34121.04	7.773D 04
972.54	1.039D 09	1920.32	9.518D 08	3687.64	2.162D 03	3889.05	1.471D 08	39024.39	4.582D 04
981.32	2.734D 09	1980.00	8.894D 08	3689.19	2.156D 03	3902.80	2.094D 08	45573.51	2.486D 04
998.42	2.754D 09	1991.74	8.778D 08	3690.73	2.132D 03	3929.14	2.062D 08	50000.00	1.723D 04
1016.12	2.694D 09	2014.39	8.555D 08	3691.55	2.131D 03	3955.84	2.099D 08	54724.75	1.205D 04
1025.72	8.292D 08	2037.56	8.339D 08	3692.52	2.124D 03	3970.07	1.419D 08	66666.67	5.511D 03
1037.82	2.663D 09	2050.00	8.224D 08	3694.35	2.132D 03	3992.20	1.958D 08	85275.25	2.071D 03

TEFF = 20000.0 LOG(G) = 3.00 X = 0.14300 Y = 0.85700											
I	TAJ	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-09	1.3300 04	6.8790-05	3.4400-05	8.7720-17	1.4200-01	8.5000-01	-7.8750 01	1.0000 00	1.0000 00	4.8830-07
3	1.0000-07	1.3300 04	6.7530-04	3.3770-04	8.6110-16	1.4200-01	8.5000-01	-7.8750 01	1.0000 00	1.0000 00	4.9740-08
5	1.0000-05	1.3300 04	6.7400-03	3.3700-03	8.5950-15	1.4200-01	8.5000-01	-7.8770 01	1.0000 00	9.9970-01	4.9820-09
7	1.0000-03	1.3300 04	6.7400-02	3.3670-02	8.6010-14	1.4200-01	8.5000-01	-7.8830 01	1.0000 00	9.9750-01	4.9680-10
9	1.0000-01	1.2310 04	6.7480-01	3.3490-01	8.6680-13	1.4150-01	8.5000-01	-7.9240 01	1.0000 00	9.7540-01	4.9020-11
11	1.0000-00	1.3440 04	6.7410 00	3.3200 00	8.6930-12	1.4200-01	8.4320-01	-7.1150 01	9.9990-01	8.4130-01	7.4030-12
13	1.3590-03	1.3520 04	9.1210 00	4.2980 00	1.2110-11	1.4400-01	8.4350-01	-6.5510 01	9.9980-01	8.1840-01	7.0620-12
15	1.8480-03	1.3620 04	1.2290 01	5.7510 00	1.6280-11	1.4750-01	8.4760-01	-5.9450 01	9.9980-01	7.9980-01	7.3600-12
17	2.5120-03	1.3740 04	1.6450 01	7.6620 00	2.1710-11	1.5260-01	8.4660-01	-5.4520 01	9.9980-01	7.7690-01	9.9320-12
19	3.4130-03	1.3870 04	2.1870 01	2.8660 01	2.8660-11	1.5970-01	8.4360-01	-5.1460 01	9.9980-01	7.6980-01	8.3070-12
21	4.6420-03	1.4010 04	2.8430 01	1.3350 01	3.7490-11	1.6890-01	8.4620-01	-4.9440 01	9.9970-01	7.6980-01	1.2170-11
23	6.3120-03	1.4160 04	3.7700 01	1.7420 01	4.8600-11	1.8030-01	8.4610-01	-5.2920 01	9.9970-01	7.6460-01	1.5160-11
25	8.9770-03	1.4310 04	4.8960 01	2.2530 01	6.2460-11	1.9430-01	8.4190-01	-5.3140 01	9.9960-01	7.5950-01	1.8750-11
27	1.1360-02	1.4450 04	6.2780 01	2.8900 01	7.9540-11	2.1120-01	8.3250-01	-5.4590 01	9.9960-01	7.5540-01	2.3290-11
29	1.5460-02	1.4610 04	7.9940 01	3.6810 01	1.0010-10	2.3190-01	8.1400-01	-5.8480 01	9.9950-01	7.5610-01	3.0490-11
31	2.1540-02	1.4800 04	1.0080 02	4.6550 01	1.2440-10	2.5690-01	7.7780-01	-5.9910 01	9.9950-01	7.6340-01	4.3020-11
33	2.9290-02	1.5010 04	1.2600 02	5.8490 01	1.5260-10	2.8670-01	7.1830-01	-6.0790 01	9.9950-01	7.7750-01	6.6050-11
35	3.9410-02	1.5250 04	1.5620 02	7.3070 01	1.8490-10	3.2150-01	6.3630-01	-5.4800 01	9.9950-01	7.9820-01	1.1120-10
37	5.4120-02	1.5530 04	1.9210 02	9.0700 01	2.2160-10	3.5110-01	5.2230-01	-5.2870 01	9.9950-01	8.2370-01	2.0400-10
39	7.3460-02	1.5850 04	2.3500 02	1.1200 02	2.6330-10	4.6530-01	3.4710-01	-4.0650 01	9.9950-01	8.5140-01	4.0300-10
41	1.0000-01	1.6210 04	2.8620 02	1.3780 02	3.1070-10	4.5340-01	1.0970-01	-4.2680 01	9.9950-01	8.8030-01	8.6960-10
43	1.2590-01	1.6490 04	3.3130 02	1.8650 02	3.5140-10	4.9210-01	-7.9960-02	-5.0090 01	9.9950-01	8.9910-01	1.5510-09
45	1.5360-01	1.6800 04	3.8310 02	2.1660 02	3.9690-10	5.3290-01	-2.7320-01	-3.6280 01	9.9960-01	9.1630-01	2.8340-09
47	1.8950-01	1.7140 04	4.4290 02	2.1680 02	4.4760-10	5.7320-01	-4.4330-01	-2.7250 01	9.9960-01	9.3110-01	5.5910-09
49	2.5120-01	1.7620 04	5.1250 02	2.5190 02	5.0470-10	6.1520-01	-6.2420-01	-2.2200 01	9.9960-01	9.4440-01	1.1410-08
51	3.1620-01	1.7950 04	5.9360 02	2.9290 02	5.6830-10	6.5710-01	-7.7420-01	-2.2680 01	9.9960-01	9.5690-01	2.5170-08
53	3.9310-01	1.8420 04	6.8920 02	3.4110 02	6.4110-10	7.0040-01	-8.2740-01	-1.7030 01	9.9960-01	9.6720-01	5.6850-08
55	5.0120-01	1.8930 04	8.0150 02	3.9780 02	7.2350-10	7.4390-01	-8.7710-01	-1.0190 01	9.9960-01	9.7570-01	1.3330-07
57	6.3100-01	1.9490 04	9.3470 02	4.6480 02	8.1790-10	7.8820-01	-8.5090-01	-4.3730 00	9.9960-01	9.8230-01	3.2160-07
59	7.9430-01	2.0100 04	1.0930 03	5.4440 02	9.2600-10	8.3340-01	-7.2700-01	-4.6020-01	9.9960-01	9.8740-01	7.9530-07
61	1.0000 00	2.0770 04	1.2820 03	6.3910 02	1.0500-09	8.7930-01	-8.0320-01	1.4720 00	9.9960-01	9.9120-01	2.0170-06
63	1.2590 00	2.1480 04	1.5070 03	7.5230 02	1.1930-09	9.2700-01	-5.1940-01	1.4750 00	9.9960-01	9.9390-01	5.1600-06
65	1.5850 00	2.2250 04	1.7770 03	8.8720 02	1.3570-09	9.7700-01	1.7150-01	4.9050-01	9.9960-01	9.9580-01	1.3150-05
67	1.9350 00	2.3040 04	2.0980 03	1.0480 03	1.5460-09	1.0320 00	5.5230-02	-7.2370-01	9.9960-01	9.9700-01	3.2270-05
69	2.5120 00	2.3880 04	2.4810 03	1.2400 03	1.7640-09	1.0900 00	-3.0490-01	-6.9940-01	9.9970-01	9.9780-01	7.8420-05
71	3.1620 00	2.4770 04	2.9370 03	1.4680 03	2.0130-09	1.1530 00	-1.0610 00	5.3610 00	9.9970-01	9.9830-01	1.8610-04
73	3.9810 00	2.5750 04	3.4800 03	1.7390 03	2.2930-09	1.2130 00	-9.4730-01	1.1970 01	9.9970-01	9.9840-01	4.5830-04
75	5.0120 00	2.6820 04	4.1280 03	2.0640 03	2.6120-09	1.2750 00	6.4420-01	8.1270 00	9.9970-01	9.9790-01	1.1340-03
77	6.3100 00	2.7850 04	4.9020 03	2.4520 03	2.9850-09	1.3550 00	2.4640 00	-7.7760 00	9.9970-01	9.9660-01	2.5080-03
79	7.9430 00	2.8890 04	5.8120 03	2.9100 03	3.4090-09	1.4500 00	1.6730-01	-1.2230 01	9.9970-01	9.9400-01	5.2100-03
81	1.0000 01	3.0160 04	6.8660 03	3.4450 03	3.8480-09	1.5390 00	-2.1350 00	1.5310 00	9.9970-01	9.8710-01	1.2300-02
83	1.2590 01	3.1730 04	8.0780 03	4.0770 03	4.2790-09	1.6530 00	-2.8340 00	2.7250 01	9.9970-01	9.6710-01	3.2370-02
85	1.5850 01	3.3320 04	9.4290 03	4.6190 03	4.6940-09	1.8720 00	2.1250-01	2.7630 01	9.9970-01	9.2320-01	7.6410-02
87	1.9350 01	3.4760 04	1.0850 04	5.6550 04	5.0730-09	2.0330 00	2.3450 00	7.7660 00	9.9970-01	8.5260-01	1.4700-01
89	2.5120 01	3.6140 04	1.2270 04	6.5550 03	5.3620-09	2.7420 00	7.3590-01	-9.5580 00	9.9970-01	7.5290-01	2.4680-01
91	3.1620 01	3.7860 04	1.3520 04	7.5070 03	5.3860-09	3.4970 00	-8.3070-01	-3.8770 00	9.9970-01	5.8440-01	4.1540-01
93	3.9810 01	3.9920 04	1.4520 04	8.4130 03	5.1880-09	4.3150 00	-1.5910 00	4.4600 00	9.9970-01	3.6890-01	6.3100-01
95	5.0120 01	4.1980 04	1.5460 04	9.2130 03	5.0450-09	4.8060 00	-7.5270-01	2.8050 00	9.9970-01	2.0630-01	7.9370-01
97	6.3100 01	4.3780 04	1.6670 04	1.0070 04	5.1120-09	5.0540 00	8.5320-01	-6.7820 00	9.9980-01	1.2110-01	8.7890-01
99	7.9430 01	4.5410 04	1.8330 04	1.1150 04	5.3630-09	5.2680 00	9.4340-01	-7.2720 00	9.9980-01	7.6600-02	9.2340-01

TEFF = 20000.0 LOG(G) = 3.00 X = 0.14300 Y = 0.85700									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	8.082D 04	1061.56	2.900D 09	2050.00	7.927D 03	3696.18	2.039D 08	4034.83	1.926D 08
546.83	2.107D 05	1086.41	2.813D 09	2127.72	7.269D 03	3697.15	2.097D 08	4078.38	1.851D 08
649.28	1.364D 06	1100.00	2.763D 09	2292.47	6.090D 08	3698.31	2.032D 08	4101.73	1.188D 08
800.11	8.020D 06	1112.26	2.718D 09	2484.88	5.005D 08	3700.50	2.031D 08	4141.06	1.767D 08
911.76	1.904D 07	1136.26	2.629D 09	2600.00	4.472D 08	3702.69	2.052D 08	4217.72	1.664D 08
911.76	1.875D 07	1161.33	2.538D 09	2600.00	4.472D 03	3703.85	2.048D 08	4297.27	1.562D 08
913.07	2.992D 07	1175.30	2.489D 09	2677.27	4.264D 03	3705.25	2.053D 08	4340.46	1.029D 08
915.64	3.649D 07	1181.83	2.463D 09	2837.09	3.657D 08	3707.91	2.073D 08	4422.28	1.420D 08
918.03	5.021D 07	1194.99	2.412D 09	3017.20	3.102D 08	3710.56	2.017D 08	4586.15	1.256D 08
919.63	6.016D 07	1208.45	2.297D 09	3121.75	2.828D 08	3711.97	2.003D 08	4762.63	1.104D 08
920.16	6.338D 07	1215.67	5.683D 08	3121.76	2.861D 08	3713.69	2.030D 08	4861.32	7.235D 07
920.93	7.132D 07	1217.83	1.526D 09	3169.76	2.743D 03	3716.95	2.073D 08	4892.89	1.005D 08
920.96	7.541D 07	1219.25	2.011D 09	3264.93	2.528D 08	3720.21	1.966D 08	4953.86	9.657D 07
922.77	7.882D 07	1220.00	2.113D 09	3365.99	2.322D 03	3721.94	1.918D 08	5016.38	9.253D 07
922.77	9.049D 07	1223.41	2.259D 09	3421.87	2.217D 08	3724.08	1.997D 08	5050.00	9.044D 07
922.77	9.049D 07	1229.92	2.285D 09	3458.74	2.430D 08	3728.14	2.100D 08	5123.58	8.606D 07
923.68	9.969D 07	1236.50	2.273D 09	3530.87	2.282D 08	3732.22	1.943D 08	5269.12	7.815D 07
924.69	1.324D 08	1240.00	2.264D 09	3606.08	2.139D 08	3734.37	1.826D 08	5423.16	7.075D 07
925.69	1.251D 08	1249.96	2.234D 09	3647.05	2.066D 08	3737.09	1.994D 08	5508.11	6.704D 07
926.22	1.318D 08	1269.29	2.175D 09	3647.05	1.996D 08	3742.24	2.152D 08	5665.32	6.080D 07
927.00	1.381D 08	1289.23	2.115D 09	3649.67	1.991D 03	3750.15	1.688D 08	6352.76	4.072D 07
928.48	3.045D 08	1315.23	2.034D 09	3654.64	1.990D 08	3753.67	2.001D 08	6562.80	2.841D 07
929.96	1.563D 08	1348.15	1.944D 09	3659.62	2.000D 03	3760.36	2.214D 08	6797.77	3.206D 07
930.75	1.616D 08	1381.65	1.855D 09	3682.26	2.009D 03	3767.08	1.977D 08	7292.74	2.497D 07
931.96	2.256D 08	1400.00	1.808D 09	3685.27	2.022D 03	3770.63	1.588D 08	7865.45	1.905D 07
934.26	8.559D 08	1419.35	1.757D 09	3670.98	2.051D 08	3775.31	2.065D 08	8205.87	1.699D 07
936.58	3.390D 08	1457.53	1.667D 09	3676.71	2.077D 03	3784.22	2.253D 08	8205.87	1.577D 07
937.84	2.420D 08	1497.83	1.577D 09	3680.27	2.154D 08	3793.16	2.036D 08	8862.47	1.326D 07
943.74	1.868D 09	1520.00	1.532D 09	3681.28	2.156D 08	3797.90	1.484D 08	10448.64	7.191D 06
947.66	1.008D 09	1545.12	1.480D 09	3682.28	2.158D 03	3804.32	2.123D 08	12726.36	3.430D 06
949.74	2.594D 08	1595.10	1.384D 09	3682.81	2.159D 03	3816.55	2.250D 08	14380.00	2.160D 06
953.60	2.006D 09	1648.41	1.291D 09	3683.50	2.159D 03	3828.85	2.109D 08	15890.88	1.505D 06
961.00	2.765D 09	1678.00	1.242D 09	3684.82	2.158D 08	3835.38	1.429D 08	19843.04	6.404D 05
968.52	2.452D 09	1816.53	1.043D 09	3686.83	2.155D 03	3844.54	2.158D 08	26411.82	2.125D 05
972.54	4.144D 08	1920.32	9.207D 08	3687.64	2.152D 03	3862.03	2.199D 08	32000.00	1.003D 05
981.32	2.953D 09	1980.00	8.587D 08	3689.05	1.357D 08	3879.67	2.103D 08	34121.04	7.811D 04
998.42	3.060D 09	1991.74	8.471D 08	3690.73	2.136D 03	3889.05	2.095D 08	39024.39	4.606D 04
1016.12	2.288D 09	2014.39	8.254D 08	3691.55	2.133D 08	3902.80	2.108D 08	45573.81	2.350D 04
1025.72	3.354D 08	2037.56	8.039D 08	3692.52	2.128D 03	3929.14	2.026D 08	50000.00	1.733D 04
1037.82	2.919D 09	2050.00	7.927D 08	3694.35	2.123D 03	3955.84	2.026D 08	54724.75	1.212D 04
						3970.07	1.300D 08	66666.67	5.545D 03
						3992.20	1.984D 08	85275.25	2.084D 03

TEFF = 20000.0 LOG(G) = 3.50 X = 0.14300 Y = 0.85700

I	TAJ	TE	PG	PE	RHO	KAPZ	D= (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.280D 04	2.241D-04	1.120D-04	2.969D-16	1.420D-01	3.938D-02	7.314D 00	1.000D 00	1.000D 00	2.122D-08
3	1.0000-07	1.280D 04	2.201D-03	1.100D-03	2.917D-15	1.420D-01	3.938D-02	7.316D 00	1.000D 00	9.998D-01	2.160D-09
5	1.0000-06	1.280D 04	2.197D-02	1.098D-02	2.914D-14	1.419D-01	3.938D-02	7.323D 00	1.000D 00	9.979D-01	2.160D-10
7	1.0000-05	1.280D 04	2.202D-01	1.094D-01	2.937D-13	1.413D-01	3.938D-02	7.340D 00	1.000D 00	9.792D-01	2.087D-11
9	1.0000-04	1.278D 04	2.243D 00	1.059D 00	3.143D-12	1.367D-01	3.937D-02	7.804D 00	9.999D-01	8.242D-01	1.681D-12
11	1.0000-03	1.312D 04	2.161D 01	8.965D 00	3.268D-11	1.598D-01	4.054D-02	5.954D 00	9.997D-01	5.153D-01	4.855D-13
13	1.359D-03	1.325D 04	2.828D 01	1.167D 01	4.255D-11	1.737D-01	4.069D-02	5.917D 00	9.996D-01	5.046D-01	5.793D-13
15	1.849D-03	1.337D 04	3.659D 01	1.503D 01	5.473D-11	1.904D-01	4.208D-02	5.957D 00	9.995D-01	4.954D-01	6.933D-13
17	2.512D-03	1.348D 04	4.684D 01	1.915D 01	6.969D-11	2.103D-01	4.987D-02	5.928D 00	9.995D-01	4.862D-01	8.198D-13
19	3.415D-03	1.359D 04	5.941D 01	2.413D 01	8.890D-11	2.331D-01	5.900D-02	5.944D 00	9.994D-01	4.738D-01	9.254D-13
21	4.642D-03	1.368D 04	7.475D 01	3.012D 01	1.107D-10	2.593D-01	6.403D-02	5.989D 00	9.993D-01	4.581D-01	9.976D-13
23	6.310D-03	1.377D 04	9.342D 01	3.737D 01	1.381D-10	2.902D-01	7.501D-02	5.998D 00	9.992D-01	4.447D-01	1.092D-12
25	8.577D-03	1.388D 04	1.159D-02	4.613D 01	1.706D-10	3.270D-01	8.905D-02	4.258D 00	9.991D-01	4.354D-01	1.241D-12
27	1.166D-02	1.400D 04	1.428D 02	5.683D 01	2.084D-10	3.722D-01	1.061D-01	2.595D 00	9.991D-01	4.352D-01	1.551D-12
29	1.585D-02	1.416D 04	1.747D 02	6.989D 01	2.511D-10	4.274D-01	9.516D-02	8.441D-01	9.990D-01	4.456D-01	2.169D-12
31	2.154D-02	1.434D 04	2.120D 02	8.578D 01	2.986D-10	4.946D-01	6.938D-02	-9.452D-01	9.990D-01	4.668D-01	3.385D-12
33	2.929D-02	1.455D 04	2.554D 02	1.049D 02	3.509D-10	5.744D-01	5.577D-02	-1.814D 00	9.990D-01	4.961D-01	5.699D-12
35	3.981D-02	1.477D 04	3.060D 02	1.279D 02	4.092D-10	6.682D-01	4.057D-02	-2.885D 00	9.989D-01	5.355D-01	1.004D-11
37	5.412D-02	1.501D 04	3.646D 02	1.552D 02	4.735D-10	7.762D-01	2.858D-02	-2.853D 00	9.989D-01	5.685D-01	1.821D-11
39	7.353D-02	1.525D 04	4.328D 02	1.874D 02	5.458D-10	8.990D-01	9.702D-03	-2.948D 00	9.989D-01	6.068D-01	3.299D-11
41	1.0000-01	1.556D 04	5.122D 02	2.269D 02	6.220D-10	1.044D 00	-9.859D-03	-1.320D 00	9.990D-01	6.594D-01	7.034D-11
43	1.259D-01	1.581D 04	5.800D 02	2.613D 02	6.838D-10	1.164D 00	-2.818D-02	-4.414D-01	9.990D-01	7.006D-01	1.285D-10
45	1.585D-01	1.607D 04	6.563D 02	3.002D 02	7.518D-10	1.291D 00	-3.875D-02	-8.378D-01	9.991D-01	7.390D-01	2.329D-10
47	1.995D-01	1.636D 04	7.424D 02	3.448D 02	8.247D-10	1.427D 00	-5.419D-02	-1.120D 00	9.992D-01	7.791D-01	4.476D-10
49	2.512D-01	1.668D 04	8.402D 02	3.958D 02	9.041D-10	1.567D 00	-6.874D-02	-1.174D 00	9.992D-01	8.182D-01	8.990D-10
51	3.162D-01	1.703D 04	9.521D 02	4.540D 02	9.920D-10	1.706D 00	-1.262D-01	-9.678D-01	9.993D-01	8.531D-01	1.905D-09
53	3.981D-01	1.732D 04	1.082D 03	5.212D 02	1.091D-09	1.843D 00	-1.314D-01	-9.7083D-01	9.993D-01	8.841D-01	4.227D-09
55	5.012D-01	1.786D 04	1.232D 03	5.991D 02	1.203D-09	1.981D 00	-8.442D-02	-7.817D-01	9.993D-01	9.106D-01	9.599D-09
57	6.310D-01	1.832D 04	1.409D 03	6.898D 02	1.332D-09	2.119D 00	-1.032D-01	-9.366D-01	9.993D-01	9.324D-01	2.216D-08
59	7.943D-01	1.882D 04	1.617D 03	7.961D 02	1.480D-09	2.257D 00	-8.038D-02	-8.381D-01	9.993D-01	9.501D-01	5.248D-08
61	1.0000 00	1.937D 04	1.863D 03	9.213D 02	1.650D-09	2.395D 00	-2.425D-01	-5.065D-01	9.993D-01	9.639D-01	1.273D-07
63	1.259D 00	1.996D 04	2.156D 03	1.069D 03	1.847D-09	2.534D 00	-4.319D-01	-9.165D-02	9.993D-01	9.743D-01	3.143D-07
65	1.585D 00	2.060D 04	2.505D 03	1.245D 03	2.075D-09	2.676D 00	-1.536D-01	1.748D-01	9.993D-01	9.818D-01	7.815D-07
67	1.995D 00	2.125D 04	2.920D 03	1.454D 03	2.341D-09	2.835D 00	1.898D-01	5.302D-01	9.994D-01	9.869D-01	1.851D-06
69	2.512D 00	2.193D 04	3.414D 03	1.702D 03	2.648D-09	3.002D 00	1.473D-01	6.271D-01	9.994D-01	9.906D-01	4.377D-06
71	3.162D 00	2.268D 04	4.002D 03	1.997D 03	3.000D-09	3.174D 00	-9.939D-02	4.040D-01	9.994D-01	9.933D-01	1.044D-05
73	3.981D 00	2.350D 04	4.703D 03	2.348D 03	3.401D-09	3.343D 00	-6.722D-01	8.422D-01	9.994D-01	9.953D-01	2.562D-05
75	5.012D 00	2.439D 04	5.545D 03	2.769D 03	3.861D-09	3.515D 00	-4.236D-01	1.122D 00	9.995D-01	9.967D-01	6.394D-05
77	6.310D 00	2.526D 04	6.547D 03	3.271D 03	4.401D-09	3.729D 00	1.559D 00	-3.928D-01	9.995D-01	9.975D-01	1.436D-04
79	7.943D 00	2.609D 04	7.732D 03	3.863D 03	5.031D-09	3.987D 00	6.759D-01	-1.951D 00	9.995D-01	9.976D-01	2.933D-04
81	1.0000 01	2.711D 04	9.129D 03	4.563D 03	5.715D-09	4.197D 00	-4.348D-01	-1.511D 00	9.995D-01	9.975D-01	6.804D-04
83	1.259D 01	2.837D 04	1.080D 04	5.402D 03	6.459D-09	4.349D 00	-1.474D 00	1.253D 00	9.995D-01	9.967D-01	1.813D-03
85	1.585D 01	2.971D 04	1.283D 04	6.420D 03	7.317D-09	4.553D 00	-4.443D-01	2.865D 00	9.995D-01	9.942D-01	4.647D-03
87	1.995D 01	3.094D 04	1.523D 04	7.638D 03	8.330D-09	4.885D 00	7.385D-01	1.455D 00	9.995D-01	9.890D-01	1.004D-02
89	2.512D 01	3.208D 04	1.803D 04	9.064D 03	9.480D-09	5.348D 00	1.143D 00	-1.171D 00	9.995D-01	9.803D-01	1.892D-02
91	3.162D 01	3.348D 04	2.120D 04	1.072D 04	1.062D-08	5.909D 00	-1.433D-01	-7.688D-01	9.996D-01	9.598D-01	3.962D-02
93	3.981D 01	3.525D 04	2.463D 04	1.265D 04	1.153D-08	6.839D 00	-6.772D-01	-9.760D-03	9.996D-01	9.062D-01	9.322D-02
95	5.012D 01	3.715D 04	2.807D 04	1.482D 04	1.210D-08	8.563D 00	-8.555D-01	2.414D-01	9.996D-01	8.000D-01	1.995D-01
97	6.310D 01	3.894D 04	3.131D 04	1.713D 04	1.236D-08	1.099D 01	3.184D-01	-5.003D-03	9.996D-01	6.530D-01	3.467D-01
99	7.943D 01	4.073D 04	3.433D 04	1.946D 04	1.239D-08	1.371D 01	6.592D-01	-3.176D-01	9.996D-01	4.841D-01	5.156D-01

TEFF = 2000.0			LOG(G) =		X =		Y =		0.85700	
			3.50		0.14300					
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM
504.26	2.862D 04	1061.56	3.118D 09	2050.00	7.694D 03	3696.18	2.031D 08	4034.83	1.929D 08	
546.43	8.509D 04	1085.41	3.020D 09	2127.72	7.036D 03	3697.15	2.029D 08	4078.38	1.843D 08	
649.38	6.576D 05	1100.00	2.960D 09	2292.47	5.867D 03	3698.31	2.026D 08	4101.73	1.032D 08	
800.11	4.494D 06	1112.26	2.900D 09	2484.88	4.805D 08	3700.50	2.022D 08	4141.06	1.766D 08	
911.76	1.145D 07	1136.26	2.793D 09	2600.00	4.285D 08	3702.69	1.997D 08	4217.72	1.665D 08	
911.76	1.127D 07	1161.33	2.682D 09	2600.00	4.285D 08	3703.85	1.993D 08	4297.27	1.559D 08	
913.07	1.688D 07	1175.00	2.620D 09	2677.27	4.087D 08	3705.25	1.991D 08	4340.46	9.018D 07	
915.54	1.983D 07	1181.83	2.585D 09	2837.09	3.497D 08	3707.91	1.995D 08	4422.28	1.417D 08	
918.03	2.554D 07	1194.99	2.510D 09	3017.20	2.958D 08	3710.56	1.955D 08	4586.15	1.251D 08	
919.35	2.594D 07	1208.45	2.288D 09	3121.75	2.695D 08	3711.97	1.944D 08	4762.63	1.097D 08	
919.63	3.035D 07	1215.67	2.702D 08	3121.76	2.727D 03	3713.69	1.956D 08	4861.32	6.433D 07	
920.16	3.073D 07	1216.42	2.705D 08	3169.76	2.613D 08	3716.95	1.973D 08	4892.89	9.945D 07	
920.68	3.369D 07	1217.83	9.855D 08	3264.93	2.405D 08	3720.21	1.898D 08	4953.86	9.577D 07	
920.96	3.520D 07	1219.25	1.704D 09	3365.99	2.205D 08	3721.94	1.868D 08	5016.38	9.172D 07	
921.34	3.643D 07	1220.00	1.914D 09	3421.87	2.103D 03	3724.08	1.915D 08	5050.00	8.963D 07	
922.06	3.636D 07	1223.41	2.261D 09	3421.87	2.393D 08	3728.14	1.974D 08	5123.58	8.523D 07	
922.77	4.053D 07	1229.92	2.355D 09	3458.74	2.315D 03	3732.22	1.852D 08	5269.12	7.730D 07	
923.15	4.216D 07	1236.50	2.354D 09	3530.87	2.171D 08	3734.37	1.775D 08	5423.16	6.989D 07	
924.69	5.413D 07	1249.96	2.315D 09	3647.05	1.964D 03	3742.24	2.008D 08	5665.32	5.995D 07	
925.69	5.193D 07	1269.29	2.249D 09	3647.05	1.885D 08	3747.42	1.803D 08	5989.38	4.927D 07	
926.22	5.405D 07	1289.23	2.180D 09	3649.67	1.885D 08	3750.15	1.620D 08	6352.76	3.998D 07	
927.00	5.612D 07	1300.00	2.144D 09	3654.64	1.878D 08	3753.67	1.871D 08	6562.80	2.585D 07	
928.48	1.081D 08	1315.23	2.087D 09	3659.62	1.884D 03	3760.36	2.081D 08	6797.77	3.141D 07	
929.96	6.192D 07	1348.15	1.986D 09	3662.26	1.891D 03	3767.08	1.821D 08	7292.74	2.442D 07	
930.75	6.365D 07	1381.65	1.886D 09	3665.27	1.901D 08	3770.63	1.488D 08	7865.45	1.859D 07	
931.96	8.306D 07	1400.00	1.833D 09	3670.98	1.925D 03	3775.31	1.916D 08	8205.87	1.659D 07	
934.26	3.488D 08	1419.35	1.778D 09	3676.71	1.950D 08	3784.22	2.158D 08	8205.87	1.555D 07	
936.58	1.191D 08	1457.53	1.662D 09	3679.74	1.962D 03	3793.16	1.864D 08	8862.47	1.306D 07	
937.80	8.879D 07	1497.83	1.582D 09	3680.27	2.024D 03	3797.90	1.342D 08	10448.64	7.053D 06	
939.84	3.451D 08	1520.00	1.534D 09	3681.28	2.028D 03	3804.32	1.980D 08	12726.36	3.348D 06	
943.74	1.211D 09	1545.12	1.477D 09	3682.28	2.032D 03	3816.55	2.200D 08	14380.00	2.104D 06	
947.66	4.207D 08	1595.10	1.376D 09	3682.81	2.034D 03	3828.85	1.974D 08	15890.88	1.469D 06	
949.74	9.603D 07	1648.41	1.278D 09	3683.50	2.036D 03	3835.38	1.265D 08	19843.04	6.226D 05	
953.60	1.334D 09	1679.00	1.227D 09	3684.82	2.040D 08	3844.54	2.071D 08	26411.82	2.062D 05	
961.00	2.566D 09	1723.39	1.153D 09	3686.13	2.042D 03	3862.03	2.181D 08	32000.00	9.714D 04	
968.52	1.953D 09	1816.53	1.022D 09	3686.63	2.044D 03	3879.67	2.024D 08	34121.04	7.560D 04	
972.54	1.510D 08	1920.32	8.977D 08	3687.64	2.045D 08	3889.05	1.184D 08	39024.39	4.454D 04	
981.32	2.956D 09	1980.00	8.350D 08	3689.19	2.047D 08	3902.80	2.071D 08	45573.51	2.415D 04	
998.42	3.254D 09	1991.74	8.239D 08	3690.73	2.045D 08	3929.14	2.093D 08	50000.00	1.674D 04	
1016.12	2.989D 09	2014.39	8.022D 08	3691.55	2.045D 08	3955.84	1.999D 08	54724.75	1.171D 04	
1025.72	1.355D 08	2037.56	7.806D 08	3692.52	2.044D 03	3970.07	1.129D 08	66666.67	5.351D 03	
1037.82	3.050D 09	2050.00	7.694D 08	3694.35	2.043D 03	3992.20	1.977D 08	85275.25	2.011D 03	

TEFF = 20000.0 LOG(G) = 4.00 X = 0.14300 Y = 0.85700

I	TAJ	TE	PG	PE	RHD	KAPZ	D=(X)	D TE	XH2	XHE2	XHE3
1	1.0000-03	1.259D 04	7.152D-04	3.576D-03	9.635D-16	1.420D-01	-2.3386D-02	-1.414D 00	1.000D 00	9.999D-01	2.803D-09
3	1.0000-07	1.259D 04	7.027D-03	3.512D-03	9.469D-15	1.420D-01	-2.3386D-02	-1.414D 00	1.000D 00	9.999D-01	2.847D-10
5	1.0000-06	1.259D 04	7.025D-02	3.502D-02	9.495D-14	1.415D-01	-2.3386D-02	-1.386D 00	1.000D 00	9.899D-01	2.796D-11
7	1.0000-05	1.256D 04	7.132D-01	3.460D-01	9.917D-13	1.374D-01	-2.3385D-02	-1.700D 00	1.000D 00	9.037D-01	2.320D-12
9	1.0000-04	1.249D 04	7.836D 00	3.175D 00	1.266D-11	1.207D-01	-2.3384D-02	-3.097D 00	9.998D-01	4.685D-01	9.611D-14
11	1.0000-03	1.306D 04	6.436D 04	2.311D 01	1.072D-10	2.019D-01	-2.211D-02	-2.369D 00	9.992D-01	2.674D-01	7.572D-14
13	1.359D-03	1.317D 04	8.095D 01	2.896D 01	1.340D-10	2.272D-01	-2.098D-02	-3.203D 00	9.990D-01	2.620D-01	8.953D-14
15	1.848D-03	1.326D 04	1.010D 02	3.591D 01	1.666D-10	2.558D-01	-1.833D-03	-2.124D 00	9.989D-01	2.534D-01	9.949D-14
17	2.512D-03	1.334D 04	1.252D 02	4.412D 01	2.062D-10	2.880D-01	-8.195D-03	-2.147D 00	9.988D-01	2.411D-01	1.032D-13
19	3.415D-03	1.342D 04	1.542D 02	5.396D 01	2.535D-10	3.259D-01	7.744D-03	-1.263D 00	9.985D-01	2.310D-01	1.093D-13
21	4.642D-03	1.350D 04	1.891D 02	6.575D 01	3.098D-10	3.703D-01	2.573D-02	1.061D 00	9.985D-01	2.228D-01	1.186D-13
23	6.310D-03	1.361D 04	2.305D 02	8.011D 01	3.748D-10	4.243D-01	4.001D-02	1.167D 00	9.983D-01	2.220D-01	1.451D-13
25	8.577D-03	1.375D 04	2.793D 02	9.758D 01	4.484D-10	4.895D-01	9.331D-02	1.848D 00	9.982D-01	2.290D-01	2.014D-13
27	1.166D-02	1.392D 04	3.365D 02	1.188D 02	5.306D-10	5.683D-01	2.008D-01	2.765D 00	9.981D-01	2.438D-01	3.148D-13
29	1.585D-02	1.411D 04	4.033D 02	1.445D 02	6.223D-10	6.628D-01	2.185D-01	2.725D 00	9.981D-01	2.652D-01	5.351D-13
31	2.154D-02	1.431D 04	4.807D 02	1.754D 02	7.237D-10	7.748D-01	1.114D-01	2.662D 00	9.981D-01	2.917D-01	9.545D-13
33	2.929D-02	1.453D 04	5.705D 02	2.122D 02	8.370D-10	9.064D-01	3.138D-02	2.129D 00	9.980D-01	3.211D-01	1.720D-12
35	3.981D-02	1.475D 04	6.748D 02	2.559D 02	9.641D-10	1.059D 00	-8.305D-04	1.946D 00	9.980D-01	3.522D-01	3.080D-12
37	5.412D-02	1.499D 04	7.952D 02	3.085D 02	1.102D-09	1.241D 00	-1.036D-02	2.098D 00	9.981D-01	3.908D-01	5.885D-12
39	7.356D-02	1.525D 04	9.342D 02	3.719D 02	1.251D-09	1.458D 00	-6.825D-03	1.978D 00	9.981D-01	4.365D-01	1.188D-11
41	1.0000-01	1.554D 04	1.095D 03	4.477D 02	1.413D-09	1.711D 00	-2.441D-03	1.156D 00	9.982D-01	4.873D-01	2.465D-11
43	1.259D-01	1.577D 04	1.231D 03	5.143D 02	1.542D-09	1.928D 00	1.511D-03	4.303D-01	9.983D-01	5.302D-01	4.436D-11
45	1.585D-01	1.603D 04	1.383D 03	5.911D 02	1.675D-09	2.173D 00	1.495D-02	5.233D-01	9.984D-01	5.791D-01	8.466D-11
47	1.995D-01	1.633D 04	1.551D 03	6.793D 02	1.812D-09	2.442D 00	8.893D-03	8.928D-01	9.985D-01	6.326D-01	1.702D-10
49	2.512D-01	1.665D 04	1.740D 03	7.801D 02	1.956D-09	2.730D 00	1.151D-02	2.715D-01	9.987D-01	6.884D-01	3.584D-10
51	3.162D-01	1.706D 04	1.953D 03	8.938D 02	2.113D-09	3.022D 00	-2.3391D-02	2.715D-01	9.987D-01	7.409D-01	7.759D-10
53	3.981D-01	1.739D 04	2.195D 03	1.024D 03	2.285D-09	3.316D 00	-2.3364D-02	-3.339D-01	9.987D-01	7.908D-01	1.762D-09
55	5.012D-01	1.782D 04	2.473D 03	1.172D 03	2.478D-09	3.607D 00	3.365D-02	-5.988D-01	9.987D-01	8.357D-01	4.102D-09
57	6.310D-01	1.827D 04	2.796D 03	1.343D 03	2.699D-09	3.892D 00	4.129D-02	-6.195D-01	9.988D-01	8.742D-01	2.332D-08
59	7.943D-01	1.877D 04	3.174D 03	1.541D 03	2.953D-09	4.170D 00	3.696D-02	-8.243D-01	9.988D-01	9.059D-01	5.692D-08
61	1.0000 00	1.930D 04	3.619D 03	1.771D 03	3.249D-09	4.439D 00	-1.197D-01	-1.039D 00	9.988D-01	9.310D-01	5.692D-08
63	1.259D 00	1.988D 04	4.147D 03	2.042D 03	3.593D-09	4.707D 00	-3.873D-01	-8.400D-01	9.989D-01	9.503D-01	1.403D-07
65	1.585D 00	2.050D 04	4.775D 03	2.362D 03	3.995D-09	4.975D 00	-1.391D-01	-3.948D-01	9.989D-01	9.646D-01	3.476D-07
67	1.995D 00	2.113D 04	5.523D 03	2.740D 03	4.470D-09	5.272D 00	2.607D-01	1.897D-01	9.990D-01	9.744D-01	8.152D-07
69	2.512D 00	2.180D 04	6.412D 03	3.188D 03	5.018D-09	5.580D 00	2.116D-01	-1.268D-01	9.990D-01	9.815D-01	1.913D-06
71	3.162D 00	2.253D 04	7.471D 03	3.720D 03	5.649D-09	5.894D 00	-3.531D-02	-9.257D-01	9.991D-01	9.869D-01	4.558D-06
73	3.981D 00	2.332D 04	8.735D 03	4.355D 03	6.372D-09	6.208D 00	-6.556D-01	-5.771D-01	9.992D-01	9.908D-01	1.109D-05
75	5.012D 00	2.419D 04	1.025D 04	5.114D 03	7.202D-09	6.525D 00	-6.232D-01	8.972D-01	9.992D-01	9.936D-01	2.738D-05
77	6.310D 00	2.504D 04	1.206D 04	6.020D 03	8.182D-09	6.920D 00	-6.916D-01	1.080D 00	9.993D-01	9.953D-01	6.140D-05
79	7.943D 00	2.585D 04	1.419D 04	7.087D 03	9.326D-09	7.396D 00	-7.270D-01	-4.727D-01	9.993D-01	9.960D-01	1.248D-04
81	1.000D 01	2.684D 04	1.672D 04	8.351D 03	1.058D-08	7.790D 00	-1.333D 00	2.065D-01	9.993D-01	9.967D-01	7.448D-04
83	1.259D 01	2.805D 04	1.975D 04	9.870D 03	1.196D-08	8.084D 00	-5.361D-01	2.643D 00	9.993D-01	9.961D-01	1.896D-03
85	1.585D 01	2.934D 04	2.343D 04	1.171D 04	1.355D-08	8.433D 00	6.402D-01	1.608D 00	9.993D-01	9.942D-01	4.150D-03
87	1.995D 01	3.056D 04	2.782D 04	1.392D 04	1.544D-08	8.971D 00	-1.218D 00	-1.090D 00	9.993D-01	9.927D-01	7.956D-03
89	2.512D 01	3.169D 04	3.298D 04	1.652D 04	1.763D-08	9.699D 00	-1.562D-01	-9.536D-01	9.994D-01	9.822D-01	1.672D-02
91	3.162D 01	3.304D 04	3.897D 04	1.957D 04	1.992D-08	1.045D 01	-1.562D-01	-4.056D-01	9.994D-01	9.585D-01	4.058D-02
93	3.981D 01	3.477D 04	4.586D 04	2.320D 04	2.211D-08	1.141D 01	-6.398D-01	1.856D-01	9.994D-01	9.058D-01	9.341D-02
95	5.012D 01	3.665D 04	5.349D 04	2.747D 04	2.410D-08	1.323D 01	-6.520D-01	-1.856D-01	9.994D-01	8.184D-01	1.809D-01
97	6.310D 01	3.844D 04	6.141D 04	3.228D 04	2.571D-08	1.629D 01	-1.597D-01	-1.113D-01	9.994D-01	6.898D-01	3.096D-01
99	7.943D 01	4.026D 04	6.920D 04	3.753D 04	2.669D-08	2.070D 01	-4.361D-01	-1.676D-01	9.994D-01	6.898D-01	3.096D-01



TEFF = 20000.0 LOG(G) = 4.00 X = 0.14300 Y = 0.85700

-AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.583D 04	1061.56	3.270D 09	2050.00	7.680D 03	3696.18	1.957D 08	4034.83	1.931D 08
546.43	4.967D 04	1086.41	3.175D 09	2127.72	7.016D 08	3697.15	1.958D 08	4078.38	1.828D 08
649.38	4.183D 05	1100.00	3.111D 09	2592.47	5.839D 08	3698.31	1.958D 08	4101.73	9.430D 07
800.11	3.102D 06	1112.26	3.046D 09	2484.88	4.774D 03	3700.50	1.959D 08	4141.06	1.766D 08
911.76	8.264D 06	1136.26	2.925D 09	2600.00	4.254D 08	3702.69	1.949D 08	4217.72	1.670D 08
911.76	8.126D 06	1161.33	2.799D 09	2600.00	4.254D 08	3703.85	1.948D 08	4297.27	1.560D 08
913.07	1.177D 07	1175.00	2.728D 09	2677.27	4.048D 08	3705.25	1.947D 08	4340.46	8.268D 07
915.54	1.371D 07	1181.83	2.685D 09	2837.09	3.460D 03	3707.91	1.948D 08	4422.28	1.419D 08
918.03	1.715D 07	1194.99	2.594D 09	3017.20	2.924D 03	3710.56	1.927D 08	4586.15	1.252D 08
919.35	1.945D 07	1208.45	2.165D 09	3121.75	2.662D 03	3711.97	1.920D 08	4762.63	1.098D 08
919.63	1.995D 07	1215.67	1.618D 08	3121.76	2.691D 03	3713.69	1.924D 08	4861.32	5.968D 07
920.16	2.016D 07	1216.42	1.621D 08	3169.76	2.579D 03	3716.95	1.928D 08	4892.89	9.886D 07
920.63	2.186D 07	1217.83	5.469D 08	3264.93	2.373D 08	3720.21	1.881D 08	4953.86	9.569D 07
920.96	2.270D 07	1219.25	1.252D 09	3365.99	2.178D 08	3721.94	1.863D 08	5016.38	9.167D 07
921.34	2.338D 07	1220.00	1.547D 09	3421.97	2.078D 03	3724.08	1.884D 08	5050.00	8.957D 07
922.06	2.334D 07	1223.41	2.171D 09	3421.87	2.324D 03	3728.14	1.907D 08	5123.58	8.516D 07
923.15	2.646D 07	1236.50	2.416D 09	3530.87	2.108D 08	3734.37	1.779D 08	5423.16	6.976D 07
923.68	2.724D 07	1240.00	2.413D 09	3606.08	1.975D 08	3737.09	1.844D 08	5508.11	6.605D 07
924.69	3.240D 07	1249.96	2.387D 09	3647.05	1.905D 08	3742.24	1.905D 08	5665.32	5.980D 07
925.69	3.137D 07	1269.29	2.318D 09	3647.05	1.825D 08	3747.42	1.751D 08	5989.38	4.911D 07
926.22	3.240D 07	1289.23	2.244D 09	3649.57	1.820D 08	3750.15	1.634D 08	6352.76	3.982D 07
927.00	3.341D 07	1300.00	2.205D 09	3654.64	1.815D 08	3753.67	1.801D 08	6562.80	2.436D 07
928.48	5.373D 07	1315.23	2.144D 09	3659.62	1.818D 08	3760.36	1.952D 08	6797.77	3.126D 07
929.96	3.611D 07	1348.15	2.035D 09	3662.26	1.821D 08	3767.08	1.729D 08	7292.74	2.429D 07
930.75	3.691D 07	1381.65	1.927D 09	3665.27	1.828D 08	3770.53	1.486D 08	7865.45	1.848D 07
931.96	4.487D 07	1400.00	1.871D 09	3670.98	1.844D 08	3775.31	1.810D 08	8205.87	1.639D 07
934.26	1.410D 08	1419.35	1.812D 09	3676.71	1.864D 03	3784.22	2.035D 08	8205.87	1.549D 07
937.80	4.758D 07	1457.53	1.707D 09	3679.74	1.875D 08	3793.16	1.728D 08	8862.47	1.301D 07
939.84	1.379D 08	1497.83	1.604D 09	3680.27	1.921D 03	3797.90	1.300D 08	10448.64	7.013D 06
943.74	6.391D 08	1545.12	1.494D 09	3681.28	1.925D 08	3804.32	1.842D 08	12726.36	3.324D 06
947.66	1.670D 08	1595.10	1.389D 09	3682.28	1.929D 03	3816.55	2.118D 08	14380.00	2.086D 06
949.74	5.157D 07	1648.41	1.287D 09	3682.81	1.931D 08	3823.85	1.823D 08	15890.88	1.456D 06
953.60	7.013D 08	1678.00	1.234D 09	3683.50	1.933D 08	3835.38	1.192D 08	19843.04	6.165D 05
961.00	2.104D 09	1723.39	1.159D 09	3686.13	1.942D 03	3844.54	1.952D 08	26411.82	2.038D 05
968.52	1.268D 09	1816.53	1.024D 09	3686.83	1.944D 08	3852.03	2.142D 08	32000.00	9.591D 04
972.54	7.439D 07	1920.32	8.977D 08	3687.64	1.946D 08	3879.67	1.908D 08	34121.04	7.458D 04
981.32	2.698D 09	1980.00	9.342D 08	3689.19	1.951D 08	3889.05	1.075D 08	39024.39	4.390D 04
998.42	3.304D 09	1991.74	8.231D 08	3690.73	1.953D 03	3902.80	2.005D 08	45573.51	2.378D 04
1016.12	2.814D 09	2014.39	8.011D 08	3691.55	1.955D 08	3929.14	2.080D 08	50000.00	1.647D 04
1025.72	7.626D 07	2037.56	7.794D 08	3692.52	1.956D 08	3955.84	1.949D 08	54724.75	1.151D 04
1037.82	3.018D 09	2050.00	7.680D 08	3694.35	1.959D 08	3970.07	1.034D 08	66666.67	5.254D 03
						3992.20	1.959D 08	85275.25	1.972D 03

TEFF = 20000.0 LOG(G) = 4.50 X = 0.14300 Y = 0.85700

I	TAJ	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.167D 04	2.270D-03	1.134D-03	3.301D-15	1.418D-01	-1.296D-01	-4.672D 02	1.000D 00	9.976D-01	1.399D-11
3	1.0000-07	1.169D 04	2.242D-02	1.114D-02	3.274D-14	1.403D-01	-1.296D-01	-6.345D 02	1.000D 00	9.782D-01	1.542D-12
5	1.0000-06	1.229D 04	2.284D-01	1.122D-01	3.206D-13	1.385D-01	-1.521D-01	-6.671D 02	1.000D 00	9.433D-01	2.349D-12
7	1.0000-05	1.226D 04	2.499D 00	1.085D 00	3.913D-12	1.190D-01	-2.223D-01	-4.949D 02	9.999D-01	6.131D-01	1.328D-13
9	1.0000-04	1.222D 04	2.800D 01	9.184D 00	5.225D-11	1.228D-01	-3.030D-01	-8.845D 00	9.992D-01	1.471D-01	3.165D-15
11	1.0000-03	1.286D 04	1.611D 02	5.080D 01	2.912D-10	2.982D-01	-3.433D-01	3.563D 00	9.980D-01	1.017D-01	5.881D-15
13	1.359D-03	1.293D 04	1.966D 02	6.173D 01	3.538D-10	3.405D-01	-3.755D-01	5.807D 00	9.977D-01	9.745D-02	6.313D-15
15	1.848D-03	1.301D 04	2.387D 02	7.473D 02	4.274D-10	4.466D-01	-4.190D-01	6.995D 00	9.972D-01	9.427D-02	6.964D-15
17	2.512D-03	1.311D 04	2.886D 02	9.023D 01	5.135D-10	5.134D-01	-4.217D-01	7.443D 00	9.970D-01	9.520D-02	1.084D-14
19	3.415D-03	1.322D 04	3.477D 02	1.089D 02	6.112D-10	5.915D-01	-3.354D-01	7.723D 00	9.969D-01	1.016D-01	1.652D-14
21	4.642D-03	1.337D 04	4.174D 02	1.315D 02	7.257D-10	6.834D-01	-3.028D-01	7.703D 00	9.967D-01	1.126D-01	2.855D-14
23	6.310D-03	1.354D 04	4.995D 02	1.589D 02	8.983D-10	7.915D-01	-1.362D-01	7.404D 00	9.967D-01	1.270D-01	5.251D-14
25	8.577D-03	1.373D 04	5.959D 02	1.919D 02	9.983D-10	9.187D-01	1.578D-01	6.979D 00	9.966D-01	1.439D-01	9.850D-14
27	1.166D-02	1.393D 04	7.089D 02	2.316D 02	1.163D-09	1.068D 00	4.357D-01	6.800D 00	9.966D-01	1.630D-01	1.828D-13
29	1.585D-02	1.414D 04	8.409D 02	2.790D 02	1.349D-09	1.242D 00	4.090D-01	6.488D 00	9.966D-01	2.039D-01	6.086D-13
31	2.154D-02	1.434D 04	9.951D 02	3.355D 02	1.561D-09	1.446D 00	3.070D-01	5.991D 00	9.966D-01	2.285D-01	2.850D-12
33	2.929D-02	1.455D 04	1.175D 03	4.026D 02	1.802D-09	1.686D 00	1.890D-02	5.444D 00	9.967D-01	2.575D-01	2.912D-01
35	3.981D-02	1.476D 04	1.384D 03	4.831D 02	2.071D-09	1.972D 00	1.890D-02	5.183D 00	9.970D-01	3.382D-01	9.292D-12
37	5.412D-02	1.500D 04	1.628D 03	5.800D 02	2.371D-09	2.311D 00	4.078D-02	4.765D 00	9.970D-01	3.805D-01	1.779D-11
39	7.356D-02	1.525D 04	1.911D 03	6.965D 02	2.702D-09	2.730D 00	4.748D-02	4.415D 00	9.972D-01	4.266D-01	3.440D-11
41	1.0000-01	1.554D 04	2.236D 03	8.401D 02	3.047D-09	3.100D 00	4.112D-02	4.138D 00	9.975D-01	5.374D-01	1.465D-10
43	1.259D-01	1.579D 04	2.511D 03	9.679D 02	3.315D-09	3.994D 00	4.355D-02	4.039D 00	9.975D-01	6.002D-01	3.276D-10
45	1.585D-01	1.605D 04	2.815D 03	1.114D 03	3.596D-09	4.529D 00	6.364D-02	4.039D 00	9.975D-01	6.665D-01	7.837D-10
47	1.995D-01	1.633D 04	3.152D 03	1.282D 03	3.883D-09	5.714D 00	2.358D-02	2.958D 00	9.978D-01	7.305D-01	1.910D-09
49	2.512D-01	1.665D 04	3.524D 03	1.477D 03	4.172D-09	6.332D 00	2.671D-02	2.276D 00	9.979D-01	8.365D-01	1.119D-08
51	3.162D-01	1.700D 04	3.938D 03	1.700D 03	4.469D-09	8.095D 00	5.817D-02	3.854D 00	9.981D-01	8.772D-01	2.725D-08
53	3.981D-01	1.739D 04	4.401D 03	1.955D 03	4.772D-09	9.634D 00	-3.733D-01	2.834D 00	9.982D-01	9.100D-01	6.725D-08
55	5.012D-01	1.782D 04	4.924D 03	2.244D 03	5.101D-09	1.416D 00	-2.413D-01	3.424D 00	9.983D-01	9.355D-01	1.685D-07
57	6.310D-01	1.828D 04	5.518D 03	2.570D 03	5.472D-09	6.940D 00	3.147D-03	2.059D 00	9.980D-01	9.534D-01	4.022D-07
59	7.943D-01	1.876D 04	6.205D 03	2.941D 03	5.901D-09	7.529D 00	-5.896D-02	2.083D 00	9.980D-01	9.665D-01	9.518D-07
61	1.0000 00	1.929D 04	7.005D 03	3.367D 03	6.400D-09	8.095D 00	-1.562D-01	2.325D 00	9.981D-01	9.761D-01	2.260D-06
63	1.259D 00	1.985D 04	7.945D 03	3.861D 03	6.981D-09	8.634D 00	-3.733D-01	2.834D 00	9.982D-01	9.832D-01	5.460D-06
65	1.585D 00	2.046D 04	9.060D 03	4.439D 03	7.661D-09	9.146D 00	-2.413D-01	3.424D 00	9.983D-01	9.884D-01	1.352D-05
67	1.995D 00	2.109D 04	1.039D 04	5.117D 03	8.474D-09	9.687D 00	2.006D-01	3.256D 00	9.984D-01	9.915D-01	3.066D-05
69	2.512D 00	2.176D 04	1.196D 04	5.919D 03	9.425D-09	1.024D 01	1.078D-01	2.669D 00	9.985D-01	9.930D-01	6.354D-05
71	3.162D 00	2.247D 04	1.384D 04	6.869D 03	1.053D-08	1.081D 01	-6.361D-02	2.138D 00	9.986D-01	9.952D-01	3.687D-04
73	3.981D 00	2.325D 04	1.609D 04	8.001D 03	1.180D-08	1.138D 01	-5.199D-01	2.516D 00	9.987D-01	9.957D-01	9.137D-04
75	5.012D 00	2.411D 04	1.878D 04	9.355D 03	1.326D-08	1.194D 01	-5.157D-01	3.214D 00	9.989D-01	9.957D-01	2.009D-03
77	6.310D 00	2.496D 04	2.200D 04	1.097D 04	1.500D-08	1.263D 01	5.308D-01	2.642D 00	9.990D-01	9.957D-01	3.987D-03
79	7.943D 00	2.578D 04	2.582D 04	1.288D 04	1.703D-08	1.345D 01	-7.826D-01	7.729D-02	9.990D-01	9.930D-01	8.518D-03
81	1.0000 01	2.675D 04	3.035D 04	1.514D 04	1.928D-08	1.416D 01	-2.214D-01	-1.587D 00	9.990D-01	9.930D-01	2.056D-02
83	1.259D 01	2.793D 04	3.579D 04	1.787D 04	2.177D-08	1.473D 01	-1.260D 00	8.574D-01	9.990D-01	9.920D-01	4.839D-02
85	1.585D 01	2.918D 04	4.238D 04	2.117D 04	2.466D-08	1.538D 01	-5.449D-01	4.581D 00	9.990D-01	8.201D-01	1.789D-01
87	1.995D 01	3.038D 04	5.026D 04	2.512D 04	2.807D-08	1.630D 01	6.032D-01	3.889D 00	9.991D-01	9.957D-01	9.957D-01
89	2.512D 01	3.154D 04	5.956D 04	2.979D 04	3.203D-08	1.747D 01	-1.263D 00	-1.012D 00	9.991D-01	9.938D-01	3.987D-03
91	3.162D 01	3.290D 04	7.049D 04	3.531D 04	3.628D-08	1.861D 01	-1.406D-01	-2.418D 00	9.991D-01	9.890D-01	8.518D-03
93	3.981D 01	3.459D 04	8.337D 04	4.192D 04	4.066D-08	1.983D 01	-6.560D-01	3.499D-01	9.991D-01	9.780D-01	2.056D-02
95	5.012D 01	3.644D 04	9.830D 04	4.982D 04	4.513D-08	2.190D 01	-2.036D-01	9.459D-01	9.991D-01	9.503D-01	4.839D-02
97	6.310D 01	3.822D 04	1.148D 05	5.899D 04	4.995D-08	2.551D 01	3.325D-01	4.575D-01	9.992D-01	9.014D-01	9.750D-02
99	7.943D 01	4.003D 04	1.320D 05	6.936D 04	5.314D-08	3.118D 01	-1.234D-01	4.056D-01	9.992D-01	8.201D-01	1.789D-01

TEFF = 20000.0 LOG(G) = 4.50 X = 0.14300 Y = 0.85700

LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
227.94	6.481D-08	1061.56	3.363D 09	2050.00	7.771D 08	3636.18	1.876D 08	4034.83	1.928D 08
251.76	5.202D-06	1086.41	3.297D 09	2127.72	7.093D 08	3637.15	1.877D 08	4078.38	1.797D 08
313.96	1.812D-02	1100.00	3.234D 09	2292.47	5.893D 08	3638.31	1.880D 08	4101.73	6.504D 07
416.98	4.503D 01	1112.26	3.169D 09	2484.88	4.809D 08	3700.50	1.883D 08	4141.06	1.760D 08
504.26	2.264D 03	1135.26	3.041D 09	2600.00	4.281D 08	3702.69	1.881D 08	4217.72	1.675D 08
504.26	8.024D 03	1161.33	2.903D 09	2600.00	4.281D 08	3703.85	1.879D 08	4297.27	1.558D 08
546.43	2.611D 04	1175.00	2.821D 09	2677.27	4.059D 08	3705.25	1.883D 08	4340.46	5.555D 07
649.38	2.406D 05	1181.83	2.771D 09	2837.09	3.466D 08	3707.91	1.886D 08	4422.28	1.423D 08
800.11	1.984D 06	1194.99	2.642D 09	3017.20	2.926D 08	3710.56	1.877D 08	4586.15	1.256D 08
911.76	5.601D 06	1208.45	1.900D 09	3121.75	2.663D 08	3711.97	1.870D 08	4762.63	1.099D 08
913.34	7.901D 06	1215.67	1.141D 08	3121.76	2.687D 08	3713.69	1.878D 08	4861.32	4.236D 07
916.34	9.627D 06	1216.42	1.143D 08	3169.76	2.574D 08	3716.95	1.880D 08	4892.89	9.802D 07
919.36	1.299D 07	1217.83	2.991D 08	3264.93	2.368D 08	3720.21	1.858D 08	4953.86	9.582D 07
920.96	1.526D 07	1219.25	7.892D 08	3365.99	2.172D 08	3721.94	1.838D 08	5016.38	9.185D 07
921.34	1.574D 07	1220.00	1.081D 09	3421.87	2.073D 08	3724.08	1.859D 08	5050.00	8.975D 07
922.06	1.568D 07	1223.41	1.953D 09	3421.87	2.273D 08	3728.14	1.868D 08	5123.58	8.533D 07
922.77	1.725D 07	1229.92	2.381D 09	3458.74	2.199D 08	3732.22	1.820D 08	5269.12	7.735D 07
923.15	1.784D 07	1236.50	2.458D 09	3530.87	2.062D 08	3734.37	1.772D 08	5423.16	6.987D 07
923.69	1.837D 07	1240.00	2.467D 09	3606.08	1.932D 08	3737.09	1.825D 08	5508.11	6.614D 07
924.69	2.179D 07	1249.96	2.455D 09	3647.05	1.865D 08	3742.24	1.847D 08	5665.32	5.987D 07
925.69	2.111D 07	1269.29	2.390D 09	3647.05	1.782D 08	3747.42	1.741D 08	5989.38	4.914D 07
926.22	2.177D 07	1289.23	2.313D 09	3649.67	1.777D 08	3750.15	1.627D 08	6352.76	3.982D 07
927.00	2.240D 07	1300.00	2.272D 09	3654.64	1.772D 08	3753.67	1.769D 08	6562.80	1.946D 07
928.48	3.397D 07	1316.23	2.208D 09	3659.62	1.771D 08	3760.36	1.853D 08	6797.77	3.125D 07
929.96	2.415D 07	1348.15	2.092D 09	3662.26	1.773D 08	3767.08	1.686D 08	7292.74	2.427D 07
930.75	2.466D 07	1381.65	1.979D 09	3665.27	1.776D 08	3770.63	1.450D 08	7865.45	1.846D 07
931.96	2.937D 07	1400.00	1.920D 09	3670.98	1.785D 08	3775.31	1.746D 08	8205.87	1.626D 07
934.26	6.951D 07	1419.35	1.858D 09	3676.71	1.799D 08	3784.22	1.909D 08	8205.87	1.548D 07
936.58	3.663D 07	1457.53	1.748D 09	3679.74	1.806D 08	3797.90	1.639D 08	8862.47	1.299D 07
937.80	3.105D 07	1497.83	1.640D 09	3680.27	1.839D 08	3797.90	1.195D 08	10448.64	6.997D 06
939.84	6.870D 07	1520.00	1.597D 09	3681.28	1.841D 08	3804.32	1.737D 08	12726.36	3.312D 06
943.74	2.875D 08	1545.12	1.525D 09	3682.28	1.844D 08	3816.55	2.005D 08	14380.00	2.078D 06
947.66	8.005D 07	1595.10	1.416D 09	3682.81	1.846D 08	3828.85	1.691D 08	15890.88	1.450D 06
949.74	3.372D 07	1648.41	1.311D 09	3683.50	1.848D 08	3835.38	1.011D 08	19843.04	6.132D 05
953.60	3.135D 08	1678.00	1.256D 09	3684.82	1.852D 08	3844.54	1.822D 08	26411.82	2.024D 05
961.00	1.495D 09	1723.39	1.179D 09	3686.13	1.855D 08	3852.03	2.075D 08	32000.00	9.513D 04
968.52	6.632D 08	1816.53	1.040D 09	3686.83	1.857D 08	3879.67	1.766D 08	34121.04	7.390D 04
972.54	4.691D 07	1920.32	9.097D 08	3687.64	1.859D 08	3899.05	8.498D 07	39024.39	4.345D 04
981.32	2.202D 09	1980.00	8.447D 08	3689.19	1.864D 08	3902.80	1.904D 08	45573.51	2.349D 04
998.42	3.197D 09	1991.74	8.334D 08	3690.73	1.867D 08	3929.14	2.058D 08	50000.00	1.625D 04
1016.12	2.389D 09	2014.39	8.109D 08	3691.55	1.868D 08	3955.84	1.867D 08	54724.75	1.135D 04
1025.72	5.137D 07	2037.56	7.887D 08	3692.52	1.871D 08	3970.07	7.503D 07	66666.67	5.167D 03
1037.82	2.790D 09	2050.00	7.771D 08	3694.35	1.875D 08	3992.20	1.923D 08	85275.25	1.934D 03

TEFF = 20000.0 LOG(G) = 2.50 X = 0.66667 Y = 0.33333

I	TAJ	TE	PG	PE	RHD	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.000D-08	1.239D 04	7.792D-06	3.996D-06	5.081D-18	2.981D-01	1.036D-01	3.315D 01	1.000D 00	1.000D 00	1.095D-07
3	1.000D-07	1.239D 04	7.602D-05	3.901D-05	4.958D-17	2.981D-01	1.036D-01	3.305D 01	1.000D 00	1.000D 00	1.123D-08
5	1.000D-06	1.239D 04	7.583D-04	3.791D-04	4.944D-16	2.982D-01	1.036D-01	3.274D 01	1.000D 00	9.998D-01	1.138D-09
7	1.000D-05	1.239D 04	7.579D-03	3.789D-03	4.943D-15	2.982D-01	1.036D-01	3.372D 01	1.000D 00	9.983D-01	1.123D-10
9	1.000D-04	1.240D 04	7.566D-02	3.779D-02	4.935D-14	2.985D-01	1.037D-01	2.610D 01	1.000D 00	9.840D-01	1.145D-11
11	1.000D-03	1.254D 04	7.430D-01	3.639D-01	4.815D-13	3.029D-01	1.038D-01	1.761D 01	1.000D 00	8.940D-01	1.971D-12
13	1.359D-03	1.263D 04	1.003D 00	4.983D-01	6.462D-13	3.051D-01	1.038D-01	-7.865D 00	1.000D 00	8.813D-01	2.066D-12
15	1.848D-03	1.274D 04	1.352D 00	6.710D-01	8.634D-13	3.082D-01	1.038D-01	-3.555D 01	9.999D-01	8.728D-01	2.402D-12
17	2.512D-03	1.283D 04	1.817D 00	9.011D-01	1.154D-12	3.121D-01	1.040D-01	4.577D 01	9.999D-01	8.578D-01	2.486D-12
19	3.415D-03	1.299D 04	2.434D 00	1.207D 00	1.526D-12	3.174D-01	1.042D-01	1.097D 01	9.999D-01	8.600D-01	3.563D-12
21	4.642D-03	1.315D 04	3.251D 00	2.014D-12	2.014D-12	3.242D-01	1.047D-01	2.481D 01	9.999D-01	8.606D-01	4.936D-12
23	6.310D-03	1.333D 04	4.327D 00	2.147D 00	2.643D-12	3.260D-01	1.056D-01	1.682D 00	9.999D-01	8.658D-01	7.438D-12
25	8.577D-03	1.352D 04	5.734D 00	2.846D 00	3.451D-12	3.431D-01	1.073D-01	-4.566D 01	9.999D-01	8.727D-01	1.155D-11
27	1.166D-02	1.366D 04	7.562D 00	3.753D 00	4.506D-12	3.564D-01	1.097C-01	2.510D 01	9.999D-01	8.684D-01	1.432D-11
29	1.585D-02	1.383D 04	9.912D 00	4.920D 00	5.837D-12	3.726D-01	1.145D-01	3.324D 01	9.999D-01	8.691D-01	1.947D-11
31	2.154D-02	1.404D 04	1.289D 01	6.403D 00	7.475D-12	3.917D-01	1.190D-01	-5.795D 01	9.998D-01	8.784D-01	3.117D-11
33	2.929D-02	1.418D 04	1.664D 01	8.262D 00	9.546D-12	4.155D-01	1.261D-01	1.443D 01	9.998D-01	8.767D-01	3.966D-11
35	3.981D-02	1.440D 04	2.128D 01	1.057D 01	1.202D-11	4.422D-01	1.262D-01	-1.133D 01	9.998D-01	8.868D-01	6.400D-11
37	5.412D-02	1.463D 04	2.699D 01	1.342D 01	1.499D-11	4.729D-01	1.194D-01	1.543D 01	9.998D-01	8.974D-01	1.050D-10
39	7.356D-02	1.492D 04	3.397D 01	1.690D 01	1.849D-11	5.060D-01	9.661D-02	-1.478D 01	9.998D-01	9.145D-01	2.083D-10
41	1.000D-01	1.523D 04	4.249D 01	2.116D 01	2.264D-11	5.430D-01	6.709D-02	-1.167D 01	9.998D-01	9.294D-01	4.143D-10
43	1.259D-01	1.548D 04	5.066D 01	2.495D 01	2.623D-11	5.730D-01	2.302D-02	-1.087D 01	9.998D-01	9.400D-01	7.172D-10
45	1.585D-01	1.580D 04	5.885D 01	2.935D 01	3.017D-11	6.013D-01	-1.931D-02	-9.256D 00	9.998D-01	9.537D-01	1.520D-09
47	1.995D-01	1.614D 04	6.914D 01	3.450D 01	3.469D-11	6.320D-01	-8.475D-02	-1.005D 01	9.998D-01	9.642D-01	3.170D-09
49	2.512D-01	1.648D 04	8.117D 01	4.052D 01	3.987D-11	6.657D-01	-1.553D-01	-1.026D 01	9.998D-01	9.721D-01	6.447D-09
51	3.162D-01	1.689D 04	9.526D 01	4.757D 01	4.563D-11	6.980D-01	-2.323D-01	-6.312D 00	9.998D-01	9.792D-01	1.866D-08
53	3.981D-01	1.735D 04	1.119D 02	5.589D 01	5.215D-11	7.300D-01	-2.670D-01	-4.699D 00	9.998D-01	9.843D-01	3.700D-08
55	5.012D-01	1.785D 04	1.316D 02	6.577D 01	5.962D-11	7.637D-01	-3.114D-01	-1.010D 00	9.998D-01	9.883D-01	9.394D-08
57	6.310D-01	1.840D 04	1.551D 02	7.752D 01	6.817D-11	7.985D-01	-3.895D-01	-3.551D 00	9.998D-01	9.915D-01	2.452D-07
59	7.943D-01	1.900D 04	1.831D 02	9.150D 01	7.790D-11	8.339D-01	-4.668D-01	-1.378D 00	9.998D-01	9.940D-01	6.659D-07
61	1.000D-00	1.967D 04	2.165D 02	1.082D 02	8.897D-11	8.686D-01	-5.597D-01	1.182D 00	9.998D-01	9.959D-01	1.913D-06
63	1.259D-00	2.039D 04	2.566D 02	1.283D 02	1.017D-10	9.051D-01	-4.555D-01	3.645D 00	9.998D-01	9.972D-01	5.498D-06
65	1.585D-00	2.116D 04	3.048D 02	1.524D 02	1.164D-10	9.436D-01	1.704D-01	3.639D 00	9.998D-01	9.981D-01	1.574D-05
67	1.995D-00	2.200D 04	3.623D 02	1.811D 02	1.331D-10	9.829D-01	2.175D-01	1.715D 00	9.998D-01	9.987D-01	4.521D-05
69	2.512D-00	2.290D 04	4.368D 02	2.154D 02	1.520D-10	1.022D 00	-2.205D-01	2.819D-01	9.999D-01	9.990D-01	1.311D-04
71	3.162D-00	2.390D 04	5.123D 02	2.561D 02	1.732D-10	1.059D 00	-8.728D-01	5.718D-01	9.999D-01	9.991D-01	3.867D-04
73	3.981D-00	2.499D 04	6.097D 02	3.049D 02	1.972D-10	1.095D 00	-9.741D-01	2.372D 00	9.999D-01	9.985D-01	1.155D-03
75	5.012D-00	2.610D 04	7.276D 02	3.639D 02	2.253D-10	1.140D 00	5.273D-02	4.286D 00	9.999D-01	9.966D-01	3.144D-03
77	6.310D-00	2.717D 04	8.703D 02	4.353D 02	2.587D-10	1.199D 00	2.135D 00	2.924D-01	9.999D-01	9.922D-01	7.513D-03
79	7.943D-00	2.832D 04	1.036D 03	5.186D 02	2.954D-10	1.259D 00	3.963D-01	-3.536D 00	9.999D-01	9.999D-01	4.815D-02
81	1.000D-01	2.975D 04	1.217D 03	6.103D 02	3.299D-10	1.304D 00	-1.072D 00	-2.675D 00	9.999D-01	9.916D-01	1.334D-01
83	1.259D-01	3.142D 04	1.412D 03	7.111D 02	3.924D-10	1.451D 00	-6.119D-01	1.945D 00	9.999D-01	7.114D-01	2.885D-01
85	1.585D-01	3.305D 04	1.631D 03	8.281D 02	4.283D-10	1.586D 00	8.592D-01	1.937D 00	9.999D-01	5.227D-01	6.498D-01
87	1.995D-01	3.460D 04	1.882D 03	9.654D 02	4.283D-10	1.586D 00	8.592D-01	1.937D 00	9.999D-01	5.227D-01	6.498D-01
89	2.512D-01	3.610D 04	2.167D 03	1.121D 03	4.681D-10	1.726D 00	-1.590D-01	-8.084D-01	9.999D-01	3.502D-01	7.983D-01
91	3.162D-01	3.780D 04	2.471D 03	1.288D 03	5.058D-10	1.832D 00	-3.887D-01	4.281D-02	9.999D-01	2.016D-01	8.963D-01
93	3.981D-01	3.970D 04	2.818D 03	1.476D 03	5.465D-10	1.899D 00	-4.414D-01	6.402D-02	9.999D-01	1.037D-01	9.963D-01
95	5.012D-01	4.162D 04	3.271D 03	1.717D 03	6.035D-10	1.973D 00	-1.059D 00	-9.604D-01	9.999D-01	5.441D-02	9.456D-01
97	6.310D-01	4.341D 04	3.895D 03	2.047D 03	6.882D-10	2.102D 00	1.933D-01	4.130D-01	9.999D-01	3.203D-02	9.680D-01
99	7.943D-01	4.516D 04	4.685D 03	2.463D 03	7.950D-10	2.266D 00	3.790D-01	-1.404D-01	9.999D-01	2.007D-02	9.799D-01

TEFF = 2000.0 LOG(G) = 2.50 X = 0.66667 Y = 0.33333

_AM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	2.836D 04	1061.56	2.591D 09	2050.00	8.455D 08	3696.18	1.784D 08	4034.83	1.768D 08
546.43	8.372D 04	1085.41	2.536D 09	2127.72	7.755D 08	3697.15	1.790D 08	4078.38	1.707D 08
649.38	5.876D 05	1100.00	2.503D 09	2292.47	6.481D 08	3698.31	1.803D 08	4101.73	1.226D 08
820.11	3.868D 06	1112.26	2.474D 09	2484.88	5.292D 08	3700.50	1.884D 08	4141.06	1.629D 08
911.76	9.541D 06	1136.26	2.415D 09	2600.00	4.706D 08	3702.69	1.753D 08	4217.72	1.538D 08
911.76	9.465D 06	1161.33	2.355D 09	2600.00	4.706D 08	3703.95	1.737D 08	4297.27	1.449D 08
913.07	2.230D 07	1175.00	2.320D 09	2677.27	4.377D 08	3705.25	1.790D 08	4340.46	1.052D 08
915.54	3.200D 07	1181.83	2.303D 09	2837.09	3.774D 08	3707.91	1.928D 08	4422.28	1.322D 08
918.03	5.224D 07	1194.99	2.270D 09	3017.20	3.161D 08	3710.56	1.756D 08	4586.15	1.175D 08
919.35	6.996D 07	1208.45	2.212D 09	3121.75	2.874D 08	3711.97	1.689D 08	4762.63	1.039D 08
919.63	7.433D 07	1215.67	1.049D 09	3121.76	2.880D 08	3713.69	1.807D 08	4861.32	7.276D 07
920.16	7.696D 07	1216.42	1.050D 09	3169.76	2.759D 08	3716.95	1.987D 08	4892.89	9.495D 07
920.68	9.314D 07	1217.83	1.877D 09	3264.93	2.538D 08	3720.21	1.767D 08	4953.86	9.122D 07
920.96	1.023D 08	1219.25	2.094D 09	3365.99	2.327D 08	3721.94	1.617D 08	5016.38	8.751D 07
921.34	1.166D 08	1220.00	2.132D 09	3421.87	2.220D 08	3724.08	1.834D 08	5050.00	8.559D 07
922.06	1.117D 08	1223.41	2.181D 09	3421.87	2.258D 08	3728.14	2.048D 08	5123.58	8.156D 07
922.77	1.415D 08	1229.92	2.182D 09	3458.74	2.189D 08	3732.22	1.827D 08	5269.12	7.427D 07
923.15	1.543D 08	1236.50	2.170D 09	3530.87	2.061D 08	3734.37	1.576D 08	5423.16	6.740D 07
923.68	1.671D 08	1240.00	2.162D 09	3606.08	1.938D 08	3737.09	1.903D 08	5508.11	6.395D 07
924.69	2.543D 08	1249.96	2.140D 09	3647.05	1.874D 08	3742.24	2.096D 08	5665.32	5.813D 07
925.69	2.412D 08	1269.29	2.094D 09	3647.05	1.799D 08	3747.42	1.891D 08	5989.38	4.806D 07
926.22	2.608D 08	1289.23	2.048D 09	3649.67	1.796D 08	3750.15	1.525D 08	6352.76	3.922D 07
927.00	2.816D 08	1300.00	2.023D 09	3654.64	1.814D 08	3753.67	1.968D 08	6562.80	2.805D 07
928.48	6.336D 08	1316.23	1.985D 09	3659.52	1.860D 08	3760.36	2.119D 08	6797.77	3.097D 07
929.96	3.415D 08	1348.15	1.915D 09	3662.26	1.891D 08	3767.08	1.974D 08	7292.74	2.419D 07
930.75	3.582D 08	1381.65	1.842D 09	3665.27	1.925D 08	3770.63	1.507D 08	7865.45	1.849D 07
931.96	5.207D 08	1400.00	1.804D 09	3670.98	1.954D 08	3775.31	2.032D 08	8205.87	1.597D 07
934.26	1.313D 09	1419.35	1.763D 09	3676.71	1.922D 08	3784.22	2.115D 08	8205.87	1.499D 07
936.58	7.678D 08	1457.53	1.686D 09	3679.74	1.896D 08	3793.16	2.012D 08	8862.47	1.262D 07
937.80	5.799D 08	1497.83	1.608D 09	3680.27	1.895D 08	3797.90	1.472D 08	10448.64	6.894D 06
939.84	1.402D 09	1520.00	1.567D 09	3682.28	1.887D 08	3804.32	2.046D 08	12726.36	3.305D 06
943.74	2.042D 09	1545.12	1.520D 09	3682.28	1.877D 08	3816.55	2.081D 08	14380.00	2.086D 06
947.60	1.582D 09	1595.10	1.433D 09	3682.91	1.876D 08	3828.85	2.019D 08	15890.88	1.447D 06
949.74	6.350D 08	1648.41	1.345D 09	3683.50	1.870D 08	3835.38	1.457D 08	19443.04	6.178D 05
953.61	2.195D 09	1678.00	1.299D 09	3684.82	1.868D 08	3844.54	2.023D 08	26411.82	2.052D 05
961.00	2.529D 09	1723.39	1.231D 09	3686.13	1.867D 08	3862.03	2.018D 08	32000.00	9.700D 04
968.52	2.441D 09	1816.53	1.103D 09	3686.83	1.848D 08	3879.67	1.970D 08	34121.04	7.546D 04
972.54	9.526D 08	1920.32	9.793D 08	3687.64	1.843D 08	3889.05	1.407D 08	39024.39	4.452D 04
981.32	2.641D 09	1980.00	9.149D 08	3689.19	1.856D 08	3902.80	1.949D 08	45573.51	2.417D 04
998.42	2.685D 09	1991.74	9.028D 08	3690.73	1.811D 08	3929.14	1.919D 08	50000.00	1.675D 04
1016.12	2.636D 09	2014.39	8.800D 08	3691.55	1.815D 08	3955.84	1.872D 08	54724.75	1.172D 04
1025.72	7.680D 08	2037.56	8.573D 08	3692.52	1.812D 08	3970.07	1.355D 08	66666.67	5.359D 03
1037.82	2.617D 09	2050.00	8.455D 08	3694.35	1.861D 08	3992.20	1.825D 08	85275.25	2.013D 03

TEFF = 20000.0 LOG(G) = 3.00 X = 0.66667 Y = 0.33333

I	TAU	TE	PG	PE	RHO	KAPZ	DF(X)	D TE	XH2	XHE2	XHE3
1	1.0003-C8	1.225D 04	3.118D-05	1.559D-05	2.056D-17	2.981D-01	-1.066D-01	-3.816D 02	1.000D 00	1.000D 00	1.497D-08
3	1.0003-C7	1.225D 04	3.058D-04	1.529D-04	2.017D-16	2.981D-01	-1.066D-01	-3.822D 02	1.000D 00	9.999D-01	1.529D-09
5	1.0003-C6	1.227D 04	3.052D-03	1.526D-03	2.010D-15	2.982D-01	-1.066D-01	-4.111D 02	1.000D 00	9.991D-01	1.628D-10
7	1.0003-C5	1.234D 04	3.050D-02	1.525D-02	1.998D-14	2.983D-01	-1.066D-01	-5.251D 02	1.000D 00	9.927D-01	2.234D-11
9	1.0003-C4	1.213D 04	3.048D-01	1.515D-01	2.043D-13	2.985D-01	-1.072D-01	1.421D 02	1.000D 00	8.959D-01	7.774D-13
11	1.0003-C3	1.258D 04	2.929D 00	1.440D 00	1.915D-12	3.194D-01	-1.065D-01	-5.308D 01	9.999D-01	9.976D-01	4.518D-13
13	1.3593-C3	1.270D 04	3.921D 00	1.926D 00	2.539D-12	3.283D-01	-1.063D-01	-3.051D 01	9.999D-01	6.901D-01	5.700D-13
15	1.848D-C3	1.283D 04	5.222D 00	2.563D 00	3.348D-12	3.395D-01	-1.059D-01	2.283D 01	9.999D-01	6.808D-01	7.026D-13
17	2.512D-C3	1.298D 04	6.919D 00	3.397D 00	4.388D-12	3.537D-01	-1.054D-01	4.215D 01	9.998D-01	6.800D-01	9.46CD-13
19	3.415D-C3	1.311D 04	9.116D 00	4.473D 00	5.743D-12	3.714D-01	-1.038D-01	9.001D 01	9.998D-01	6.735D-01	1.188D-12
21	4.642D-C3	1.332D 04	1.194D 01	5.866D 00	7.365D-12	3.927D-01	-9.978D-02	-5.951D 01	9.998D-01	6.992D-01	2.125D-12
23	6.310D-C3	1.342D 04	1.552D 01	7.620D 00	9.520D-12	4.198D-01	-9.461D-02	2.871D 01	9.997D-01	6.796D-01	2.267D-12
25	8.577D-C3	1.345D 04	2.003D 01	9.806D 00	1.229D-11	4.540D-01	-8.943D-02	2.267D 02	9.997D-01	6.353D-01	1.850D-12
27	1.166D-C2	1.372D 04	2.563D 01	1.258D 01	1.537D-11	4.904D-01	-8.530D-02	-1.072D 02	9.997D-01	6.837D-01	4.086D-12
29	1.585D-C2	1.379D 04	3.252D 01	2.060D 01	2.422D-11	5.383D-01	-8.819D-02	3.867D-01	9.996D-01	6.587D-01	4.020D-12
31	2.154D-C2	1.392D 04	4.092D 01	2.906D 01	2.983D-11	6.545D-01	-9.384D-02	-2.044D 00	9.996D-01	6.733D-01	5.069D-12
33	2.929D-C2	1.410D 04	5.110D 01	2.507D 01	2.983D-11	7.239D-01	-1.005D-01	8.761D-01	9.995D-01	6.965D-01	7.578D-12
35	3.981D-C2	1.431D 04	6.340D 01	3.115D 01	3.643D-11	8.014D-01	-1.156D-01	-2.776D-01	9.995D-01	7.255D-01	1.255D-11
37	5.412D-C2	1.454D 04	7.821D 01	3.849D 01	4.416D-11	8.850D-01	-1.255D-01	9.434D-02	9.995D-01	7.667D-01	4.578D-11
39	7.356D-C2	1.492D 04	9.609D 01	4.741D 01	5.309D-11	9.771D-01	-1.485D-01	-9.159D-01	9.995D-01	8.065D-01	9.819D-11
41	1.0003-C1	1.513D 04	1.177D 02	5.820D 01	6.357D-11	1.050D 00	-1.511D-01	-2.617D-01	9.996D-01	8.371D-01	1.852D-10
43	1.259D-C1	1.539D 04	1.369D 02	6.780D 01	7.254D-11	1.207D 00	-1.792D-01	8.325D-01	9.996D-01	8.665D-01	3.650D-10
45	1.585D-C1	1.568D 04	1.591D 02	7.892D 01	8.262D-11	1.207D 00	-1.882D-01	1.422D 00	9.996D-01	8.934D-01	7.501D-10
47	1.995D-C1	1.599D 04	1.848D 02	9.185D 01	9.397D-11	1.289D 00	-1.971D-01	2.353D 00	9.997D-01	9.174D-01	1.616D-09
49	2.512D-C1	1.634D 04	2.148D 02	1.059D 02	1.068D-10	1.289D 00	-1.971D-01	2.353D 00	9.997D-01	9.375D-01	3.604D-09
51	3.162D-C1	1.672D 04	2.499D 02	1.245D 02	1.212D-10	1.375D 00	-1.966D-01	3.101D 00	9.997D-01	9.525D-01	8.539D-09
53	3.981D-C1	1.714D 04	2.912D 02	1.452D 02	1.376D-10	1.460D 00	-1.973D-01	3.456D 00	9.997D-01	9.641D-01	2.044D-08
55	5.012D-C1	1.760D 04	3.397D 02	1.695D 02	1.563D-10	1.550D 00	-1.260D-01	3.170D 00	9.997D-01	9.736D-01	5.089D-08
57	6.310D-C1	1.810D 04	3.971D 02	1.982D 02	1.776D-10	1.643D 00	-1.556D-01	3.319D 00	9.997D-01	9.808D-01	1.288D-07
59	7.943D-C1	1.863D 04	4.651D 02	2.333D 02	2.020D-10	1.739D 00	-2.105D-01	3.370D 00	9.997D-01	9.863D-01	3.530D-07
61	1.0003-C0	1.922D 04	5.461D 02	2.728D 02	2.298D-10	1.840D 00	-3.047D-01	3.577D 00	9.997D-01	9.904D-01	8.722D-07
63	1.259D-C0	1.985D 04	6.422D 02	3.209D 02	2.617D-10	1.944D 00	-5.202D-02	3.968D 00	9.997D-01	9.933D-01	2.251D-06
65	1.585D-C0	2.051D 04	7.565D 02	3.781D 02	2.983D-10	2.057D 00	-7.218D-01	3.025D 00	9.997D-01	9.953D-01	5.709D-06
67	1.995D-C0	2.120D 04	8.923D 02	4.460D 02	3.402D-10	2.178D 00	-6.247D-01	2.261D-01	9.997D-01	9.967D-01	1.471D-05
69	2.512D-C0	2.196D 04	1.053D 03	5.255D 02	3.878D-10	2.300D 00	-4.151D-02	-2.079D 00	9.997D-01	9.977D-01	3.908D-05
71	3.162D-C0	2.279D 04	1.245D 03	6.226D 02	4.417D-10	2.421D 00	-1.235D 00	-1.423D 00	9.997D-01	9.984D-01	1.051D-04
73	3.981D-C0	2.370D 04	1.475D 03	7.376D 02	5.032D-10	2.545D 00	-1.298D 00	2.034D 00	9.997D-01	9.987D-01	2.565D-04
75	5.012D-C0	2.459D 04	1.751D 03	8.754D 02	5.755D-10	2.695D 00	-2.036D-01	4.616D 00	9.998D-01	9.987D-01	5.346D-04
77	6.310D-C0	2.541D 04	2.078D 03	1.039D 03	6.610D-10	2.891D 00	-3.291D 00	-1.574D 00	9.998D-01	9.987D-01	9.987D-01
79	7.943D-C0	2.627D 04	2.458D 03	1.229D 03	7.562D-10	3.090D 00	-1.46D 00	-1.228D 00	9.998D-01	9.981D-01	1.109D-03
81	1.0003-C1	2.744D 04	2.898D 03	1.449D 03	8.534D-10	3.213D 00	-1.206D 00	-1.395D 01	9.998D-01	9.964D-01	2.906D-03
83	1.259D-C1	2.895D 04	3.416D 03	1.709D 03	9.534D-10	3.269D 00	-3.907D 00	3.339D 00	9.998D-01	9.902D-01	9.304D-03
85	1.585D-C1	3.043D 04	4.048D 03	2.027D 03	1.074D-09	3.410D 00	-1.069D 00	1.946D 00	9.998D-01	9.743D-01	2.529D-02
87	1.995D-C1	3.167D 04	4.818D 03	2.416D 03	1.226D-09	3.679D 00	-2.294D 00	1.481D 01	9.998D-01	9.482D-01	5.147D-02
89	2.512D-C1	3.273D 04	5.722D 03	2.874D 03	1.406D-09	4.047D 00	-3.439D 00	-8.827D 00	9.998D-01	9.133D-01	8.640D-02
91	3.162D-C1	3.418D 04	6.712D 03	3.386D 03	1.572D-09	4.388D 00	-2.701D-01	-1.799D 01	9.998D-01	8.318D-01	1.680D-01
93	3.981D-C1	3.622D 04	7.734D 03	3.943D 03	1.692D-09	4.732D 00	-1.742D 00	-5.643D 00	9.998D-01	6.387D-01	3.611D-01
95	5.012D-C1	3.844D 04	8.816D 03	4.552D 03	1.793D-09	5.103D 00	-4.518D-01	2.602D 00	9.998D-01	3.913D-01	6.086D-01
97	6.310D-C1	4.029D 04	1.013D 04	5.272D 03	1.950D-09	5.503D 00	-4.975D-01	-1.056D 00	9.998D-01	2.376D-01	7.623D-01
99	7.943D-C1	4.197D 04	1.176D 04	6.144D 03	2.162D-09	5.923D 00	-3.522D-01	-1.237D 00	9.998D-01	1.491D-01	8.508D-01

TEFF = 20000.0 LOG(G) = 3.00 X = 0.66667 Y = 0.33333

_AM	F	LAM	F	LAM	F	LAM	F	LAM	F	LAM	F	LAM
227.94	4.627D-08	1061.56	2.925D 09	2050.00	8.041D 03	3696.18	1.683D 08	4034.83	1.802D 08			
251.76	3.886D-06	1086.41	2.858D 09	2127.72	7.337D 03	3697.15	1.686D 08	4078.38	1.731D 08			
313.96	1.517D-02	1100.00	2.815D 09	2292.47	6.078D 03	3698.31	1.687D 08	4101.73	1.059D 08			
416.98	4.436D 01	1112.26	2.774D 09	2484.88	4.930D 03	3700.50	1.721D 08	4141.06	1.555D 08			
504.26	2.448D 03	1136.826	2.694D 09	2600.00	4.372D 03	3702.69	1.647D 08	4217.72	1.562D 08			
504.25	1.665D 04	1161.33	2.608D 09	2600.00	4.372D 03	3703.85	1.642D 08	4297.27	1.467D 08			
546.43	4.906D 04	1175.00	2.560D 09	2677.27	4.066D 08	3705.25	1.667D 08	4340.46	9.177D 07			
649.38	4.044D 05	1181.83	2.535D 09	2837.09	3.470D 03	3707.91	1.740D 08	4422.28	1.335D 08			
800.11	2.830D 06	1194.99	2.483D 09	3017.20	2.926D 03	3710.56	1.624D 08	4586.15	1.182D 08			
911.76	7.485D 06	1208.45	2.326D 09	3121.75	2.660D 03	3711.97	1.590D 08	4762.63	1.041D 08			
913.34	1.463D 07	1215.67	3.744D 08	3121.76	2.666D 08	3713.69	1.659D 08	4861.32	6.469D 07			
916.34	2.036D 07	1216.42	3.750D 08	3169.76	2.553D 03	3716.95	1.783D 08	4892.89	9.474D 07			
919.36	2.953D 07	1217.83	1.292D 09	3264.93	2.349D 03	3720.21	1.599D 08	4953.86	9.111D 07			
920.96	3.634D 07	1219.25	1.917D 09	3365.99	2.154D 03	3721.94	1.503D 08	5016.38	8.732D 07			
921.34	3.794D 07	1220.00	2.067D 09	3421.87	2.056D 03	3724.08	1.654D 08	5050.00	8.536D 07			
922.06	3.819D 07	1223.41	2.300D 09	3421.87	2.094D 03	3728.14	1.854D 08	5123.58	8.126D 07			
922.77	4.341D 07	1229.92	2.354D 09	3458.74	2.030D 08	3732.22	1.623D 08	5269.12	7.383D 07			
923.15	4.556D 07	1236.50	2.348D 09	3530.87	1.912D 08	3734.37	1.433D 08	5423.16	6.687D 07			
923.63	4.770D 07	1240.00	2.341D 09	3606.08	1.798D 03	3737.09	1.697D 08	5508.11	6.337D 07			
924.69	6.197D 07	1249.96	2.313D 09	3647.05	1.739D 03	3742.24	1.941D 08	5665.32	5.750D 07			
925.69	5.983D 07	1269.29	2.255D 09	3647.05	1.664D 03	3747.42	1.663D 08	5989.38	4.739D 07			
926.22	6.305D 07	1289.23	2.195D 09	3649.67	1.660D 03	3750.15	1.352D 08	6352.76	3.855D 07			
927.00	6.637D 07	1300.00	2.163D 09	3654.64	1.669D 03	3753.67	1.757D 08	6562.80	2.579D 07			
928.48	1.411D 08	1316.23	2.115D 09	3659.62	1.696D 08	3767.08	1.763D 08	6797.77	3.036D 07			
929.96	7.643D 07	1348.15	2.023D 09	3662.26	1.717D 03	3767.08	1.763D 08	7292.74	2.365D 07			
930.75	7.930D 07	1381.65	1.931D 09	3665.27	1.745D 08	3770.63	1.312D 08	7865.45	1.805D 07			
931.96	1.103D 08	1400.00	1.882D 09	3670.98	1.795D 08	3775.31	1.866D 08	8205.87	1.559D 07			
934.26	4.574D 08	1419.35	1.832D 09	3676.71	1.816D 08	3784.22	2.074D 08	8205.87	1.486D 07			
936.58	1.730D 08	1457.53	1.738D 09	3679.74	1.809D 08	3793.16	1.854D 08	8862.47	1.250D 07			
937.80	1.231D 08	1497.83	1.643D 09	3680.27	1.813D 08	3797.90	1.266D 08	10448.64	6.786D 06			
939.84	4.898D 08	1520.00	1.594D 09	3681.28	1.807D 03	3804.32	1.946D 08	12726.36	3.238D 06			
943.74	1.295D 09	1545.12	1.540D 09	3682.28	1.801D 03	3816.55	2.084D 08	14380.00	2.039D 06			
947.66	6.185D 08	1595.10	1.439D 09	3682.81	1.799D 03	3828.85	1.939D 08	15890.88	1.418D 05			
949.74	1.374D 08	1648.41	1.339D 09	3683.50	1.793D 03	3835.38	1.243D 08	19843.04	6.041D 05			
953.60	1.507D 09	1678.00	1.287D 09	3684.82	1.784D 03	3844.54	1.994D 08	26411.82	2.006D 05			
961.00	2.393D 09	1723.39	1.211D 09	3686.13	1.770D 03	3852.03	2.046D 08	32000.00	9.469D 04			
968.52	2.061D 09	1816.53	1.073D 09	3686.83	1.767D 03	3879.67	1.946D 08	34121.04	7.369D 04			
972.54	2.357D 09	1920.32	9.419D 08	3687.64	1.759D 03	3899.05	1.199D 08	39024.39	4.348D 04			
981.32	2.749D 09	1980.00	8.753D 08	3689.19	1.753D 03	3902.80	1.959D 08	45573.51	2.362D 04			
998.42	2.970D 09	1991.74	8.624D 08	3690.73	1.726D 08	3929.14	1.955D 08	50000.00	1.638D 04			
1016.12	2.830D 09	2014.39	8.392D 08	3691.55	1.724D 03	3955.84	1.889D 08	54724.75	1.145D 04			
1025.72	1.941D 08	2037.56	8.162D 08	3692.52	1.717D 03	3970.07	1.159D 08	60666.67	5.246D 03			
1037.82	2.885D 09	2050.00	8.041D 03	3694.35	1.727D 03	3992.20	1.854D 08	85275.25	1.975D 03			





TEFF = 200C0.0    LOG(G) = 3.50    X = 0.66667    Y = 0.33333

	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.319D 04	1061.56	3.200D 09	2050.00	7.820D 03	3696.18	1.672D 08	4034.83	1.811D 08	
546.43	3.864D 04	1086.41	3.131D 09	2127.72	7.121D 03	3697.15	1.670D 08	4078.38	1.728D 08	
649.38	3.453D 05	1100.00	3.080D 09	2292.47	5.879D 03	3698.31	1.665D 08	4101.73	9.698D 07	
800.11	2.561D 06	1112.26	3.026D 09	2484.88	4.751D 03	3700.50	1.670D 08	4141.06	1.661D 08	
911.76	6.444D 06	1136.26	2.925D 09	2600.00	4.222D 03	3702.69	1.625D 08	4217.72	1.569D 08	
911.76	6.564D 06	1161.33	2.814D 09	2600.00	4.222D 03	3703.85	1.622D 08	4297.27	1.470D 08	
913.07	1.167D 07	1175.00	2.751D 09	2677.27	3.925D 03	3705.25	1.630D 08	4340.46	8.460D 07	
915.54	1.464D 07	1181.83	2.713D 09	2837.09	3.351D 08	3707.91	1.660D 08	4422.28	1.338D 08	
918.03	1.742D 07	1194.99	2.634D 09	3017.20	2.825D 08	3710.56	1.593D 08	4586.15	1.184D 08	
919.35	2.031D 07	1208.45	2.281D 09	3121.75	2.568D 03	3711.97	1.578D 08	4762.63	1.040D 08	
919.63	2.046D 07	1215.67	1.948D 08	3121.76	2.573D 03	3713.69	1.613D 08	4861.32	6.038D 07	
920.16	2.067D 07	1216.42	1.947D 08	3169.76	2.466D 03	3716.95	1.672D 08	4892.89	9.425D 07	
920.68	2.336D 07	1217.83	7.185D 08	3264.93	2.270D 03	3720.21	1.550D 08	4953.86	9.091D 07	
920.96	2.417D 07	1219.25	1.469D 09	3365.99	2.083D 03	3721.94	1.496D 08	5016.38	8.712D 07	
921.34	2.466D 07	1220.00	1.743D 09	3421.87	1.988D 03	3724.08	1.585D 08	5050.00	8.515D 07	
922.06	2.471D 07	1223.41	2.277D 09	3421.87	2.021D 03	3728.14	1.715D 08	5123.58	8.102D 07	
922.77	2.672D 07	1229.92	2.451D 09	3458.74	1.960D 03	3732.22	1.538D 08	5269.12	7.356D 07	
923.15	2.798D 07	1236.50	2.468D 09	3530.87	1.846D 03	3734.37	1.415D 08	5423.16	6.658D 07	
923.68	2.916D 07	1242.00	2.464D 09	3606.08	1.736D 03	3737.09	1.596D 08	5508.11	6.308D 07	
924.69	3.429D 07	1249.96	2.437D 09	3647.05	1.680D 03	3742.24	1.791D 08	5665.32	5.719D 07	
925.69	3.357D 07	1269.29	2.371D 09	3647.05	1.606D 03	3747.42	1.540D 08	5989.38	4.707D 07	
926.22	3.470D 07	1289.23	2.300D 09	3649.67	1.602D 03	3750.15	1.304D 08	6352.76	3.826D 07	
928.48	6.054D 07	1315.23	2.203D 09	3659.62	1.621D 03	3760.36	1.889D 08	6797.77	3.010D 07	
929.96	4.024D 07	1348.15	2.096D 09	3654.64	1.605D 03	3753.57	1.620D 08	6562.80	2.454D 07	
930.75	4.131D 07	1381.65	1.989D 09	3662.26	1.634D 03	3767.08	1.608D 08	7292.74	2.343D 07	
931.96	5.146D 07	1400.00	1.933D 09	3670.98	1.652D 03	3770.63	1.239D 08	7865.45	1.787D 07	
934.26	1.655D 08	1419.35	1.874D 09	3679.74	1.691D 03	3775.31	1.712D 08	8205.87	1.542D 07	
936.53	7.050D 07	1457.53	1.768D 09	3679.74	1.738D 03	3784.22	1.978D 08	8205.87	1.481D 07	
937.80	5.576D 07	1497.83	1.663D 09	3680.27	1.744D 03	3797.90	1.173D 08	8862.47	1.245D 07	
939.84	1.755D 08	1520.00	1.609D 09	3681.28	1.746D 03	3804.32	1.809D 08	10448.64	6.745D 06	
943.74	6.631D 08	1545.12	1.549D 09	3682.28	1.746D 03	3816.55	2.032D 08	12726.36	3.211D 06	
947.66	2.233D 08	1595.10	1.439D 09	3682.81	1.747D 03	3828.85	1.815D 08	14380.00	2.022D 06	
949.74	6.151D 07	1648.41	1.332D 09	3683.50	1.746D 03	3835.38	1.143D 08	15890.88	1.408D 06	
953.60	7.895D 08	1678.00	1.277D 09	3684.82	1.746D 03	3844.54	1.910D 08	19843.04	5.985D 05	
961.00	1.975D 09	1723.39	1.198D 09	3686.13	1.740D 03	3862.03	2.028D 08	26411.82	1.984D 05	
968.52	1.383D 09	1815.53	1.054D 09	3686.83	1.739D 03	3879.67	1.870D 08	32000.00	9.369D 04	
972.54	9.497D 07	1920.32	9.199D 08	3687.64	1.734D 03	3889.05	1.095D 08	34121.04	7.281D 04	
981.32	2.593D 09	1980.00	8.525D 08	3689.19	1.729D 03	3899.28	1.922D 08	39024.39	4.310D 04	
998.42	3.131D 09	1991.74	8.495D 08	3690.73	1.714D 03	3929.14	1.957D 08	45573.51	2.333D 04	
1016.12	2.804D 09	2014.39	8.172D 08	3691.55	1.712D 03	3955.84	1.861D 08	50000.00	1.626D 04	
1025.72	9.194D 07	2037.56	7.943D 08	3692.52	1.705D 03	3970.07	1.055D 08	54724.75	1.132D 04	
1037.82	2.991D 09	2050.00	7.823D 08	3694.35	1.701D 03	3992.20	1.850D 08	66666.67	5.206D 03	
								85275.25	1.963D 03	

TEFF = 2000.0 C LOG(G) = 4.00 X = 0.66667 Y = 0.33333

I	TAJ	TE	PG	PE	R4D	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.203D 04	3.391D-04	1.695D-04	2.278D-16	2.981D-01	-3.349D-02	-1.745D 02	1.000D 00	9.998D-01	4.988D-10
3	1.0000-07	1.202D 04	3.331D-03	1.665D-03	2.239D-15	2.981D-01	-3.349D-02	-1.677D 02	1.000D 00	9.984D-01	4.991D-11
5	1.0000-06	1.198D 04	3.325D-02	1.661D-02	2.240D-14	2.980D-01	-3.349D-02	-1.7265D 01	1.000D 00	9.827D-01	3.967D-12
7	1.0000-05	1.202D 04	3.327D-01	1.651D-01	2.254D-13	2.979D-01	-3.351D-02	-1.625D 02	1.000D 00	8.622D-01	4.217D-13
9	1.0000-04	1.218D 04	3.234D 00	1.569D 00	2.211D-12	3.182D-01	-3.376D-02	-2.728D 02	9.998D-01	4.908D-01	5.056D-14
11	1.0000-03	1.293D 04	2.463D 01	1.186D 01	1.596D-11	5.017D-01	-3.3925D-02	-2.437D 02	9.995D-01	3.589D-01	1.201D-13
13	1.399D-03	1.278D 04	3.121D 01	1.492D 01	2.060D-11	5.640D-01	-3.397D-02	3.154D 02	9.993D-01	2.493D-01	3.597D-14
15	1.848D-03	1.288D 04	3.931D 01	1.878D 01	2.576D-11	6.290D-01	-3.3515D-02	3.248D 02	9.992D-01	2.425D-01	4.168D-14
17	2.512D-03	1.329D 04	4.918D 01	2.367D 01	3.103D-11	6.847D-01	-3.3208D-02	3.061D 02	9.993D-01	3.538D-01	2.396D-13
19	3.415D-03	1.342D 04	6.112D 01	2.942D 01	3.818D-11	7.676D-01	-2.9959D-02	3.377D 02	9.992D-01	3.567D-01	3.314D-13
21	4.642D-03	1.343D 04	7.545D 01	3.621D 01	4.722D-11	8.751D-01	-2.330D-02	3.341D 02	9.990D-01	3.135D-01	2.310D-13
23	6.310D-03	1.311D 04	9.222D 01	4.386D 01	5.960D-11	1.046D 00	-1.096D-02	3.241D 02	9.986D-01	1.753D-01	3.225D-14
25	8.577D-03	1.344D 04	1.124D 02	5.368D 01	7.063D-11	1.152D 00	3.384D-03	-9.194D 01	9.987D-01	2.379D-01	1.214D-13
27	1.166D-02	1.348D 04	1.366D 02	6.513D 01	8.566D-11	1.324D 00	1.580D-02	1.573D 02	9.985D-01	2.175D-01	1.075D-13
29	1.585D-02	1.375D 04	1.653D 02	7.911D 01	1.013D-10	1.475D 00	-9.796D-03	-4.729D 01	9.985D-01	2.678D-01	2.895D-13
31	2.154D-02	1.392D 04	1.999D 02	9.574D 01	1.209D-10	1.672D 00	-3.255D-02	-4.030D 00	9.985D-01	2.871D-01	4.663D-13
33	2.929D-02	1.414D 04	2.412D 02	1.158D 02	1.434D-10	1.888D 00	-5.133D-02	-3.721D 00	9.985D-01	3.207D-01	8.896D-13
35	3.981D-02	1.436D 04	2.907D 02	1.399D 02	1.697D-10	2.134D 00	-7.725D-02	1.573D 01	9.985D-01	3.579D-01	1.719D-12
37	5.412D-02	1.461D 04	3.500D 02	1.689D 02	2.005D-10	2.411D 00	-8.079D-02	-2.520D 00	9.985D-01	4.012D-01	3.461D-12
39	7.356D-02	1.487D 04	4.211D 02	2.038D 02	2.363D-10	2.722D 00	-8.320D-02	-1.697D 00	9.985D-01	4.494D-01	7.149D-12
41	1.0000-01	1.515D 04	5.064D 02	2.459D 02	2.779D-10	3.068D 00	-8.455D-02	-9.365D-01	9.985D-01	5.044D-01	1.550D-11
43	1.259D-01	1.539D 04	5.815D 02	2.832D 02	3.132D-10	3.348D 00	-8.212D-02	-3.537D-01	9.986D-01	5.530D-01	2.959D-11
45	1.995D-01	1.566D 04	6.678D 02	3.262D 02	3.527D-10	3.649D 00	-7.385D-02	1.573D-01	9.987D-01	6.041D-01	5.801D-11
47	1.995D-01	1.594D 04	7.673D 02	3.760D 02	3.968D-10	3.968D 00	-7.207D-02	4.133D-01	9.988D-01	6.566D-01	1.170D-10
49	2.512D-01	1.625D 04	8.823D 02	4.338D 02	4.458D-10	4.299D 00	-5.377D-02	8.144D-01	9.989D-01	7.134D-01	2.549D-10
51	3.162D-01	1.661D 04	1.016D 03	5.010D 02	5.009D-10	4.647D 00	-7.708D-02	9.753D-01	9.990D-01	7.663D-01	5.630D-10
53	3.981D-01	1.700D 04	1.171D 03	5.793D 02	5.630D-10	5.002D 00	-5.304D-02	1.185D 00	9.991D-01	8.141D-01	1.303D-09
55	5.012D-01	1.742D 04	1.353D 03	6.708D 02	6.333D-10	5.369D 00	1.081D-02	1.256D 00	9.991D-01	8.544D-01	3.071D-09
57	6.310D-01	1.786D 04	1.566D 03	7.778D 02	8.040D-10	6.150D 00	3.280D-02	2.955D-01	9.991D-01	8.884D-01	7.297D-09
59	7.943D-01	1.835D 04	1.817D 03	9.037D 02	8.040D-10	6.150D 00	3.280D-02	2.955D-01	9.991D-01	9.165D-01	1.766D-08
61	1.0000-00	1.887D 04	2.112D 03	1.052D 03	9.076D-10	6.564D 00	-5.374D-02	2.955D-01	9.991D-01	9.387D-01	4.322D-08
63	1.259D 00	1.943D 04	2.460D 03	1.227D 03	1.026D-09	6.999D 00	-1.786D-01	1.188D-01	9.991D-01	9.554D-01	1.060D-07
65	1.585D 00	2.003D 04	2.872D 03	1.433D 03	1.161D-09	7.456D 00	-3.788D-03	7.176D-02	9.992D-01	9.679D-01	2.604D-07
67	1.995D 00	2.062D 04	3.358D 03	1.576D 03	1.318D-09	7.974D 00	-2.373D-01	-2.469D-01	9.992D-01	9.764D-01	6.029D-07
69	2.512D 00	2.127D 04	3.930D 03	1.962D 03	1.495D-09	8.510D 00	1.365D-01	-9.170D-01	9.992D-01	9.829D-01	1.412D-06
71	3.162D 00	2.196D 04	4.606D 03	2.301D 03	1.696D-09	9.060D 00	-5.470D-02	-1.617D 00	9.992D-01	9.878D-01	3.361D-06
73	3.981D 00	2.271D 04	5.406D 03	2.701D 03	1.925D-09	9.630D 00	-5.270D-01	-1.135D 00	9.993D-01	9.913D-01	8.054D-06
75	5.012D 00	2.352D 04	6.354D 03	3.175D 03	2.185D-09	1.022D 01	-5.446D-01	7.918D-01	9.993D-01	9.938D-01	1.939D-05
77	6.310D 00	2.431D 04	7.477D 03	3.737D 03	2.487D-09	1.092D 01	4.350D-01	2.188D 00	9.994D-01	9.955D-01	4.291D-05
79	7.943D 00	2.507D 04	8.794D 03	4.395D 03	2.836D-09	1.174D 01	7.433D-01	4.863D-01	9.994D-01	9.965D-01	8.726D-05
81	1.0000-01	2.600D 04	1.034D 04	5.168D 03	3.215D-09	1.243D 01	4.240D-02	-2.449D 00	9.994D-01	9.970D-01	2.005D-04
83	1.259D 01	2.714D 04	1.219D 04	6.091D 03	3.630D-09	1.298D 01	-1.041D 00	-1.853D 00	9.994D-01	9.972D-01	5.217D-04
85	1.585D 01	2.834D 04	1.441D 04	7.202D 03	4.110D-09	1.359D 01	-6.406D-01	1.686D 00	9.994D-01	9.969D-01	1.320D-03
87	1.995D 01	2.949D 04	1.706D 04	8.527D 03	4.674D-09	1.444D 01	3.777D-01	3.596D 00	9.994D-01	9.956D-01	2.944D-03
89	2.512D 01	3.058D 04	2.018D 04	1.009D 04	5.333D-09	1.553D 01	1.316D 00	-7.407D-01	9.994D-01	9.929D-01	5.822D-03
91	3.162D 01	3.188D 04	2.384D 04	1.192D 04	6.040D-09	1.650D 01	5.143D-03	-3.182D 00	9.995D-01	9.864D-01	1.256D-02
93	3.981D 01	3.355D 04	2.816D 04	1.410D 04	6.772D-09	1.722D 01	-6.327D-01	-1.623D 00	9.995D-01	9.675D-01	3.179D-02
95	5.012D 01	3.541D 04	3.330D 04	1.672D 04	7.568D-09	1.812D 01	-3.756D-01	1.126D 00	9.995D-01	9.210D-01	7.839D-02
97	6.310D 01	3.720D 04	3.935D 04	1.984D 04	8.473D-09	1.959D 01	3.370D-01	-4.176D-01	9.995D-01	8.386D-01	1.608D-01
99	7.943D 01	3.904D 04	4.628D 04	2.350D 04	9.432D-09	2.156D 01	6.099D-02	4.928D-02	9.995D-01	7.114D-01	2.882D-01

TEFF = 20000.0 LOG(G) = 4.00 X = 0.66667 Y = 0.33333

_AM	= LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.041D 04	1061.56	3.397D 09	2050.00	7.742D 08	3696.18	1.673D 08	4034.83	1.812D 08
546.43	2.772D 04	1086.41	3.348D 09	2127.72	7.040D 08	3697.15	1.671D 08	4078.38	1.712D 08
649.38	2.491D 05	1100.00	3.293D 09	2292.47	5.799D 08	3698.31	1.667D 08	4101.73	9.043D 07
800.11	1.970D 06	1112.26	3.233D 09	2484.88	4.690D 08	3700.50	1.664D 08	4141.06	1.661D 08
911.76	5.665D 06	1136.26	3.114D 09	2600.00	4.158D 08	3702.69	1.637D 08	4217.72	1.574D 08
911.76	5.485D 06	1161.33	2.982D 09	2600.00	4.157D 08	3703.85	1.633D 08	4297.27	1.471D 08
913.07	9.039D 06	1175.00	2.903D 09	2677.27	3.862D 08	3705.25	1.632D 08	4340.46	7.952D 07
915.54	1.161D 07	1181.83	2.853D 09	2837.09	3.294D 08	3707.91	1.639D 08	4422.28	1.341D 08
918.03	1.326D 07	1194.99	2.734D 09	3017.20	2.777D 08	3710.56	1.599D 08	4586.15	1.186D 08
919.35	1.479D 07	1208.45	2.063D 09	3121.75	2.527D 08	3711.97	1.590D 08	4762.63	1.041D 08
919.63	1.510D 07	1215.57	1.316D 08	3121.76	2.531D 08	3713.69	1.602D 08	4861.32	5.732D 07
920.16	1.537D 07	1216.42	1.314D 08	3169.76	2.426D 08	3716.95	1.623D 08	4892.89	9.368D 07
920.68	1.751D 07	1217.83	3.960D 08	3264.93	2.232D 08	3720.21	1.549D 08	4953.86	9.086D 07
920.96	1.778D 07	1219.25	9.760D 08	3365.99	2.049D 08	3721.94	1.520D 08	5016.38	8.709D 07
921.34	1.770D 07	1220.00	1.279D 09	3421.87	1.955D 08	3724.08	1.568D 08	5050.00	8.512D 07
922.06	1.772D 07	1223.41	2.105D 09	3421.87	1.982D 08	3728.14	1.634D 08	5123.58	8.098D 07
922.77	1.953D 07	1229.92	2.483D 09	3458.74	1.921D 08	3732.22	1.514D 08	5269.12	7.349D 07
923.15	2.050D 07	1236.50	2.548D 09	3530.87	1.810D 08	3734.37	1.439D 08	5423.16	6.648D 07
923.68	2.121D 07	1240.00	2.553D 09	3606.08	1.703D 08	3737.09	1.554D 08	5508.11	6.297D 07
924.69	2.391D 07	1249.96	2.536D 09	3647.05	1.648D 08	3742.24	1.678D 08	5665.32	5.707D 07
925.69	2.337D 07	1269.29	2.468D 09	3647.05	1.575D 08	3747.42	1.481D 08	5989.38	4.694D 07
926.22	2.420D 07	1289.23	2.389D 09	3649.67	1.571D 08	3750.15	1.314D 08	6352.76	3.812D 07
928.48	3.780D 07	1316.23	2.280D 09	3659.62	1.579D 08	3753.67	1.545D 08	6562.80	2.361D 07
929.96	2.754D 07	1348.15	2.161D 09	3662.26	1.579D 08	3760.36	1.763D 08	6797.77	2.998D 07
930.75	2.808D 07	1381.65	2.043D 09	3665.27	1.598D 08	3767.08	1.510D 08	7292.74	2.333D 07
931.96	3.305D 07	1400.00	1.981D 09	3670.98	1.587D 08	3770.63	1.221D 08	7865.45	1.778D 07
934.26	8.082D 07	1419.35	1.916D 09	3676.71	1.626D 08	3775.31	1.600D 08	8205.87	1.532D 07
936.58	4.215D 07	1457.53	1.801D 09	3679.74	1.669D 08	3784.22	1.866D 08	8205.87	1.478D 07
937.80	3.572D 07	1497.83	1.688D 09	3680.27	1.675D 08	3793.16	1.562D 08	8862.47	1.242D 07
939.84	8.424D 07	1520.00	1.630D 09	3681.28	1.679D 08	3797.90	1.130D 08	10448.64	6.724D 06
943.74	3.112D 08	1545.12	1.565D 09	3682.28	1.683D 08	3804.32	1.677D 08	12726.36	3.198D 06
947.66	1.029D 08	1595.10	1.449D 09	3682.81	1.685D 08	3828.85	1.682D 08	15890.88	1.401D 06
949.74	3.920D 07	1648.41	1.337D 09	3683.50	1.686D 08	3835.38	1.081D 08	19843.04	5.955D 05
953.60	3.740D 08	1678.00	1.279D 09	3684.82	1.690D 08	3844.54	1.804D 08	26411.82	1.973D 05
961.00	1.410D 09	1723.39	1.197D 09	3686.13	1.692D 08	3862.03	1.988D 08	32000.00	9.303D 04
968.52	7.593D 08	1816.53	1.050D 09	3686.83	1.693D 08	3879.67	1.771D 08	34121.04	7.230D 04
972.54	5.602D 07	1920.32	9.128D 08	3687.64	1.693D 08	3889.05	1.025D 08	39024.39	4.267D 04
981.32	2.165D 09	1980.00	8.449D 08	3689.19	1.694D 08	3902.80	1.860D 08	45573.51	2.313D 04
998.42	3.108D 09	1991.74	8.330D 08	3690.73	1.691D 08	3929.14	1.946D 08	50000.00	1.606D 04
1016.12	2.472D 09	2014.39	8.036D 08	3691.55	1.690D 08	3955.84	1.812D 08	54724.75	1.120D 04
1025.72	5.986D 07	2037.56	7.865D 08	3692.52	1.688D 08	3970.07	9.814D 07	66666.67	5.141D 03
1037.82	2.865D 09	2050.00	7.744D 08	3694.35	1.687D 08	3992.20	1.831D 08	85275.25	1.935D 03

TEFF = 20000.0 LOG(G) = 4.50 X = 0.66667 Y = 0.33333

I	TAU	T3	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-09	1.1660 04	1.0790-03	5.3940-04	7.4780-16	2.9810-01	-9.2500-02	2.1460 02	1.0000 00	9.9880-01	2.7510-11
3	1.0000-07	1.1660 04	1.0600-02	5.2980-03	7.3550-15	2.9790-01	-9.2500-02	2.2060 02	1.0000 00	9.9880-01	2.7330-12
5	1.0000-06	1.1650 04	1.0620-01	5.2770-02	7.4080-14	2.9620-01	-9.2500-02	2.3180 02	1.0000 00	8.9530-01	2.4070-13
7	1.0000-05	1.1630 04	1.0720 00	5.1900-01	7.6800-13	2.9450-01	-9.2500-02	2.3340 02	9.9990-01	4.5320-01	1.1200-14
9	1.0000-04	1.2110 04	9.5100 00	4.5370 00	6.6380-12	3.7860-01	-9.2500-02	2.2760 02	9.9950-01	2.1630-01	5.7580-15
11	1.0000-03	1.2790 04	5.6940 01	2.8750 01	3.7780-11	7.9040-01	-9.2500-02	-1.7110 02	9.9880-01	1.5640-01	1.2770-14
13	1.3590-03	1.2640 04	6.9940 01	3.3110 01	4.7090-11	9.2590-01	-8.5730-02	2.8750 02	9.9840-01	1.0250-01	3.7900-15
15	1.8480-03	1.2730 04	8.5770 01	4.0590 01	5.7380-11	1.0560 00	-7.5070-02	2.5600 02	9.9820-01	9.9180-02	4.2390-15
17	2.5120-03	1.3050 04	1.0430 02	4.9510 01	6.8780-11	1.1550 00	-5.5820-02	2.8190 02	9.9820-01	1.4360-01	1.8360-14
19	3.4150-03	1.3210 04	1.2660 02	6.0140 01	8.1300-11	1.3020 00	-4.1520-02	4.1150 02	9.9820-01	1.5740-01	3.1140-14
21	4.6420-03	1.3170 04	1.5320 02	7.2720 01	9.8010-11	1.4970 00	-1.9460-02	3.3580 02	9.9800-01	1.4700-01	3.0240-14
23	6.3100-03	1.3140 04	1.8480 02	8.7440 01	1.1980-10	1.7870 00	-1.4690-03	2.7940 02	9.9740-01	1.0050-01	1.0220-14
25	8.5770-03	1.3300 04	2.2270 02	1.0540 02	1.4260-10	2.0290 00	7.5830-02	2.9000 02	9.9730-01	1.1010-01	1.6940-14
27	1.1600-02	1.3620 04	2.6800 02	1.2720 02	1.6710-10	2.2390 00	1.9380-01	-1.4940 01	9.9750-01	1.5290-01	6.3540-14
29	1.5850-02	1.3780 04	3.2200 02	1.5290 02	1.9830-10	2.5510 00	1.7240-01	2.2750 00	9.9740-01	1.6450-01	9.9850-14
31	2.1540-02	1.3970 04	3.8640 02	1.8380 02	2.3440-10	2.8930 00	9.3070-02	4.4930 00	9.9740-01	1.8430-01	1.8190-13
33	2.9290-02	1.4180 04	4.6360 02	2.2080 02	2.7680-10	3.2800 00	3.5430-02	4.6780 00	9.9740-01	2.0820-01	3.4350-13
35	3.9810-02	1.4400 04	5.5600 02	2.6530 02	3.2630-10	3.7200 00	-4.1150-02	4.7260 00	9.9740-01	2.3600-01	6.6380-13
37	5.4120-02	1.4630 04	6.6640 02	3.1870 02	3.8420-10	4.2190 00	-6.4420-02	4.4540 00	9.9740-01	2.6800-01	1.3070-12
39	7.3560-02	1.4890 04	7.9860 02	3.8290 02	4.5130-10	4.7730 00	-4.2480-02	3.6620 00	9.9750-01	3.0930-01	2.7880-12
41	1.0000-01	1.5170 04	9.5710 02	4.6030 02	5.2930-10	5.3920 00	-2.9410-02	3.1200 00	9.9760-01	3.5840-01	6.2200-12
43	1.2590-01	1.5410 04	1.0970 03	5.2890 02	5.9550-10	5.8980 00	-9.9050-03	2.7920 00	9.9760-01	4.0270-01	1.1970-11
45	1.5850-01	1.5670 04	1.2570 03	6.0830 02	6.6910-10	6.4380 00	1.3750-02	2.7590 00	9.9790-01	4.5490-01	2.4420-11
47	1.9950-01	1.5960 04	1.4420 03	7.0020 02	7.5110-10	7.0130 00	1.3750-02	2.7120 00	9.9810-01	5.1300-01	5.1700-11
49	2.5120-01	1.6280 04	1.6550 03	8.0710 02	8.4240-10	7.6250 00	3.7150-02	2.7010 00	9.9830-01	5.7650-01	1.1470-10
51	3.1620-01	1.6620 04	1.9030 03	9.3130 02	9.4420-10	8.2690 00	1.5670-02	2.5120 00	9.9850-01	6.4230-01	2.6320-10
53	3.9810-01	1.7000 04	2.1900 03	1.0760 03	1.0590-09	9.9370 00	1.4850-02	2.1950 00	9.9850-01	7.0500-01	6.1960-10
55	5.0120-01	1.7420 04	2.5240 03	1.2440 03	1.1870-09	9.6270 00	7.7610-02	1.8310 00	9.9850-01	7.6250-01	1.4900-09
57	6.3100-01	1.7960 04	2.9150 03	1.4410 03	1.3340-09	1.0350 01	1.3070-01	1.4550 00	9.9850-01	8.1290-01	3.5770-09
59	7.9430-01	1.8340 04	3.3730 03	1.6720 03	1.4990-09	1.1110 01	1.2610-01	1.0100 00	9.9850-01	8.5640-01	8.6910-09
61	1.0000 00	1.8850 04	3.9110 03	1.9420 03	1.6880-09	1.1900 01	6.2950-02	2.1220-01	9.9860-01	8.9170-01	2.1080-08
63	1.2590 00	1.9390 04	4.5440 03	2.2600 03	1.9030-09	1.2710 01	-1.7540-01	-2.0070-01	9.9860-01	9.1990-01	5.1530-08
65	1.5850 00	1.9980 04	5.2910 03	2.6350 03	2.1480-09	1.3560 01	-1.4090-01	-5.2470-02	9.9870-01	9.4180-01	1.2680-07
67	1.9950 00	2.0560 04	6.1700 03	3.0760 03	2.4320-09	1.4530 01	1.9320-01	1.4330-01	9.9870-01	9.5690-01	2.9200-07
69	2.5120 00	2.1180 04	7.2040 03	3.5940 03	2.7540-09	1.5540 01	2.2550-01	-3.9430-01	9.9880-01	9.6840-01	6.7060-07
71	3.1620 00	2.1850 04	8.4220 03	4.2040 03	3.1200-09	1.6580 01	-2.9800-01	-1.5080 00	9.9880-01	9.8360-01	3.6850-06
73	3.9810 00	2.2580 04	9.8610 03	4.9240 03	3.5340-09	1.7650 01	-6.0480-01	-1.2810 00	9.9900-01	9.8850-01	8.9550-06
75	5.0120 00	2.3380 04	1.1570 04	5.7770 03	4.0020-09	1.8720 01	1.1430-01	1.0520 00	9.9910-01	9.9160-01	1.9950-05
77	6.3100 00	2.4170 04	1.3590 04	6.7870 03	4.5470-09	1.9990 01	5.1630-01	2.0540 00	9.9910-01	9.9360-01	3.9840-05
79	7.9430 00	2.4900 04	1.5950 04	7.9710 03	5.1800-09	2.1530 01	1.6510-01	4.7370-01	9.9920-01	9.9480-01	8.8590-05
81	1.0000 01	2.5790 04	1.8730 04	9.33610 03	5.8740-09	2.2890 01	-5.3340-01	-2.0690 00	9.9920-01	9.9570-01	2.2780-04
83	1.2590 01	2.6890 04	2.2050 04	1.1020 04	6.6290-09	2.3940 01	-5.1120-01	-2.0700 00	9.9920-01	9.9620-01	5.8460-04
85	1.5850 01	2.8090 04	2.6030 04	1.3010 04	7.4940-09	2.5030 01	3.9220-02	-1.0790 00	9.9920-01	9.9610-01	1.3270-03
87	1.9950 01	2.9240 04	3.0800 04	1.5390 04	8.5150-09	2.6550 01	7.5050-01	1.1800 00	9.9920-01	9.9520-01	2.6090-03
89	2.5120 01	3.0300 04	3.6420 04	1.8200 04	9.7160-09	2.8590 01	-8.2590-02	1.9790 00	9.9920-01	9.9270-01	5.5850-03
91	3.1620 01	3.1560 04	4.3010 04	2.1500 04	1.1010-08	3.0390 01	-3.9280-01	9.4880-01	9.9930-01	9.8460-01	1.4180-02
93	3.9810 01	3.3190 04	5.0840 04	2.5430 04	1.2390-08	3.1630 01	-1.2850-01	-1.6420 00	9.9930-01	9.6360-01	3.5310-02
95	5.0120 01	3.4980 04	6.0270 04	3.0180 04	1.3900-08	3.3080 01	-1.0650-01	-1.6390 00	9.9930-01	9.2380-01	7.5230-02
97	6.3100 01	3.6710 04	7.1480 04	3.5880 04	1.5680-08	3.5330 01	3.5720-01	8.6060-02	9.9930-01	8.4980-01	1.4940-01
99	7.9430 01	3.8540 04	8.4570 04	4.2620 04	1.7590-08	3.8200 01					

TEFF = 2000.0 LOG(G) = 4.50 X = 0.56667 Y = 0.33333

-LAM	= LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	6.175D 03	1061.56	3.501D 09	2050.00	7.775D 08	3696.18	1.656D 08	4034.83	1.813D 08
546.43	1.723D 04	1086.41	3.508D 09	2127.72	7.063D 08	3697.15	1.656D 08	4078.38	1.688D 08
649.38	1.780D 05	1100.00	3.459D 09	2292.47	5.807D 03	3698.31	1.656D 08	4101.73	8.485D 07
800.11	1.533D 06	1112.26	3.359D 09	2484.88	4.690D 08	3700.50	1.656D 08	4141.06	1.658D 08
911.76	4.453D 06	1136.26	3.272D 09	2600.00	4.154D 08	3702.69	1.644D 08	4217.72	1.582D 08
911.76	4.364D 06	1161.33	3.122D 09	2600.00	4.154D 03	3703.85	1.643D 08	4297.27	1.471D 08
913.07	6.815D 06	1175.00	3.026D 09	2677.27	3.854D 03	3705.25	1.643D 08	4340.46	7.460D 07
915.54	8.436D 06	1181.83	2.962D 09	2837.09	3.284D 03	3707.91	1.643D 08	4422.28	1.347D 08
918.03	1.024D 07	1194.99	2.782D 09	3017.20	2.769D 08	3710.56	1.619D 08	4586.15	1.191D 08
919.35	1.096D 07	1208.45	1.712D 09	3121.75	2.516D 08	3711.97	1.614D 08	4762.63	1.044D 08
919.63	1.153D 07	1215.67	1.094D 08	3121.76	2.520D 08	3713.69	1.617D 08	4861.32	5.458D 07
920.16	1.190D 07	1216.42	1.010D 08	3169.76	2.414D 03	3716.95	1.621D 08	4892.89	9.308D 07
920.68	1.283D 07	1217.83	2.440D 08	3264.93	2.223D 09	3720.21	1.577D 08	4953.86	9.111D 07
920.96	1.291D 07	1219.25	5.043D 08	3365.99	2.040D 08	3721.94	1.560D 08	5016.38	8.738D 07
921.34	1.306D 07	1220.00	8.483D 08	3421.87	1.946D 08	3724.08	1.581D 08	5050.00	8.541D 07
922.06	1.304D 07	1223.41	1.795D 09	3421.87	1.967D 08	3728.14	1.606D 08	5123.58	8.125D 07
922.77	1.535D 07	1229.92	2.442D 09	3458.74	1.907D 08	3732.22	1.529D 08	5269.12	7.372D 07
923.15	1.569D 07	1236.50	2.587D 09	3530.87	1.796D 03	3734.37	1.487D 08	5423.16	6.666D 07
923.68	1.572D 07	1240.00	2.612D 09	3606.08	1.689D 08	3737.09	1.550D 08	5508.11	6.313D 07
924.69	1.839D 07	1249.96	2.619D 09	3647.05	1.634D 08	3742.24	1.612D 08	5665.32	5.719D 07
925.69	1.768D 07	1269.29	2.557D 09	3647.05	1.562D 08	3747.42	1.472D 08	5989.38	4.701D 07
926.22	1.858D 07	1289.23	2.475D 09	3649.67	1.558D 08	3750.15	1.365D 08	6352.76	3.815D 07
927.00	1.927D 07	1300.00	2.429D 09	3654.64	1.555D 08	3753.67	1.517D 08	6562.80	2.271D 07
928.48	2.689D 07	1316.23	2.358D 09	3659.62	1.559D 08	3760.36	1.667D 08	6797.77	2.999D 07
929.96	2.018D 07	1348.15	2.259D 09	3662.26	1.563D 08	3767.08	1.462D 08	7292.74	2.332D 07
930.75	2.036D 07	1381.65	2.103D 09	3665.27	1.570D 08	3770.63	1.250D 08	7865.45	1.777D 07
931.96	2.448D 07	1400.00	2.036D 09	3670.98	1.587D 08	3775.31	1.535D 08	8205.87	1.530D 07
934.26	5.042D 07	1419.35	1.966D 09	3676.71	1.608D 08	3784.22	1.758D 08	8205.87	1.480D 07
936.58	2.965D 07	1457.53	1.843D 09	3679.74	1.620D 08	3793.16	1.474D 08	8862.47	1.244D 07
937.80	2.612D 07	1497.83	1.723D 09	3680.27	1.624D 08	3797.90	1.121D 08	10448.64	6.722D 06
939.84	5.193D 07	1520.00	1.662D 09	3681.28	1.628D 08	3804.32	1.577D 08	12726.36	3.193D 06
943.74	1.594D 08	1545.12	1.594D 09	3682.28	1.632D 08	3816.55	1.865D 08	14380.00	2.008D 06
947.66	6.115D 07	1595.10	1.473D 09	3682.81	1.634D 08	3820.85	1.569D 08	15890.88	1.400D 06
949.74	2.825D 07	1648.41	1.356D 09	3683.50	1.636D 08	3835.38	1.047D 08	19843.04	5.939D 05
953.60	1.868D 08	1678.00	1.295D 09	3684.82	1.641D 08	3844.54	1.695D 08	26411.82	1.965D 05
961.00	9.705D 08	1723.39	1.211D 09	3686.13	1.644D 08	3862.03	1.934D 08	32000.00	9.257D 04
968.52	3.952D 08	1816.53	1.059D 09	3686.83	1.646D 08	3879.67	1.664D 08	34121.04	7.191D 04
972.54	3.906D 07	1920.32	9.185D 08	3687.64	1.648D 08	3883.05	9.704D 07	39024.39	4.237D 04
991.32	1.598D 09	1980.00	8.492D 08	3689.19	1.652D 08	3902.80	1.784D 08	45573.51	2.296D 04
998.42	2.892D 09	1991.74	8.374D 08	3690.73	1.653D 08	3925.14	1.926D 08	50000.00	1.590D 04
1016.12	1.933D 09	2014.39	8.135D 08	3691.55	1.655D 08	3955.84	1.749D 08	54724.75	1.111D 04
1025.72	4.453D 07	2037.56	7.900D 08	3692.52	1.656D 08	3970.07	9.262D 07	66666.67	5.074D 03
1037.82	2.499D 09	2050.00	7.777D 08	3694.35	1.658D 08	3992.20	1.802D 08	85275.25	1.905D 03

TEFF = 20000.0 LOG(G) = 2.50 X = 1.00000 Y = 0.0											
I	TAU	TE	PG	PE	RHO	KAPZ	DF(X)	D TE	XH2	XHE2	XHE3
1	1.0003-08	1.246D 04	5.088D-06	2.544D-06	2.476D-18	3.975D-01	1.548D-01	-2.314D 02	1.000D 00	0.0	0.0
3	1.0003-07	1.245D 04	4.945D-05	2.473D-05	2.406D-17	3.975D-01	1.548D-01	-2.302D 02	1.000D 00	0.0	0.0
5	1.0000-06	1.250D 04	4.931D-04	2.465D-04	2.390D-16	3.975D-01	1.548D-01	-2.777D 02	1.000D 00	0.0	0.0
7	1.0003-05	1.246D 04	4.928D-03	2.464D-03	2.397D-15	3.976D-01	1.548D-01	-2.391D 02	1.000D 00	0.0	0.0
9	1.0003-04	1.250D 04	4.913D-02	2.457D-02	2.382D-14	3.983D-01	1.548D-01	-2.680D 02	1.000D 00	0.0	0.0
11	1.0003-03	1.262D 04	4.788D-01	2.394D-01	2.299D-13	4.046D-01	1.646D-01	-2.879D 02	1.000D 00	0.0	0.0
13	1.3593-03	1.260D 04	4.648D-01	3.229D-01	3.107D-13	4.071D-01	1.642D-01	-1.567D 02	1.000D 00	0.0	0.0
15	1.848D-03	1.243D 04	8.693D-01	4.346D-01	4.239D-13	4.111D-01	1.647D-01	4.132D 02	1.000D 00	0.0	0.0
17	2.5123-03	1.298D 04	1.169D 00	5.843D-01	5.458D-13	4.132D-01	1.645D-01	-4.523D 02	1.000D 00	0.0	0.0
19	3.4153-03	1.286D 04	1.568D 00	7.837D-01	7.387D-13	4.192D-01	1.653D-01	5.930D 01	9.999D-01	0.0	0.0
21	4.6423-03	1.322D 04	2.098D 00	1.049D 00	9.621D-13	4.240D-01	1.652D-01	-3.136D 02	9.999D-01	0.0	0.0
23	6.3103-03	1.318D 04	2.801D 00	1.400D 00	1.288D-12	4.332D-01	1.535D-01	1.494D 02	9.999D-01	0.0	0.0
25	8.5773-03	1.318D 04	3.724D 00	1.862D 00	1.713D-12	4.450D-01	1.549D-01	5.130D 02	9.999D-01	0.0	0.0
27	1.1663-02	1.374D 04	4.937C 00	2.468D 00	2.178D-12	4.521D-01	1.552D-01	-3.433D 02	9.999D-01	0.0	0.0
29	1.5853-02	1.385D 04	6.518D 00	3.259D 00	2.853D-12	4.677D-01	1.685D-01	-1.054D 02	9.999D-01	0.0	0.0
31	2.1543-02	1.375D 04	8.552D 00	4.276D 00	3.771D-12	4.919D-01	1.571D-01	4.521D 02	9.999D-01	0.0	0.0
33	2.9293-02	1.419D 04	1.114D 01	5.567D 00	4.757D-12	5.081D-01	1.775D-01	-1.770D 02	9.999D-01	0.0	0.0
35	3.9813-02	1.424D 04	1.437D 01	7.187D 00	6.120D-12	5.387D-01	1.844D-01	1.186D 02	9.998D-01	0.0	0.0
37	5.412D-02	1.455D 04	1.836D 01	9.178D 00	7.648D-12	5.653D-01	1.948D-01	-6.202D 01	9.998D-01	0.0	0.0
39	7.3563-02	1.480D 04	2.328D 01	1.164D 01	9.533D-12	5.986D-01	1.594D-01	-6.357D 00	9.998D-01	0.0	0.0
41	1.0003-01	1.512D 04	2.932D 01	1.466D 01	1.175D-11	6.337D-01	1.564D-01	-2.205D 01	9.998D-01	0.0	0.0
43	1.2593-01	1.536D 04	3.472D 01	1.736D 01	1.370D-11	6.631D-01	1.177D-01	-2.015D 01	9.998D-01	0.0	0.0
45	1.5853-01	1.568D 04	4.099D 01	2.049D 01	1.584D-11	6.909D-01	7.867D-02	-6.970D 00	9.998D-01	0.0	0.0
47	1.9953-01	1.605D 04	4.834D 01	2.417D 01	1.826D-11	7.193D-01	3.586D-02	-1.088D 01	9.999D-01	0.0	0.0
49	2.5123-01	1.641D 04	5.698D 01	2.849D 01	2.105D-11	7.511D-01	-3.948D-02	-1.214D 01	9.999D-01	0.0	0.0
51	3.1623-01	1.682D 04	6.712D 01	3.356D 01	2.419D-11	7.829D-01	-1.094D-01	-7.822D 00	9.999D-01	0.0	0.0
53	3.9813-01	1.730D 04	7.912D 01	3.956D 01	2.772D-11	8.134D-01	-1.774D-01	-7.224D 00	9.999D-01	0.0	0.0
55	5.0123-01	1.783D 04	9.341D 01	4.670D 01	3.176D-11	8.450D-01	-2.276D-01	-7.646D 00	9.999D-01	0.0	0.0
57	6.3103-01	1.840D 04	1.105D 02	5.523D 01	3.639D-11	8.781D-01	-2.902D-01	-7.606D 00	9.999D-01	0.0	0.0
59	7.9433-01	1.903D 04	1.308D 02	6.539D 01	4.166D-11	9.114D-01	-3.374D-01	-5.287D 00	9.999D-01	0.0	0.0
61	1.0003 00	1.972D 04	1.550D 02	7.751D 01	4.765D-11	9.447D-01	-5.173D-01	-4.506D 00	9.999D-01	0.0	0.0
63	1.2593 00	2.050D 04	1.841D 02	9.207D 01	5.445D-11	9.772D-01	-5.160D-01	-2.049D 00	9.999D-01	0.0	0.0
65	1.5853 00	2.133D 04	2.191D 02	1.095D 02	6.227D-11	1.011D 00	-4.714D-02	-5.395D-02	9.999D-01	0.0	0.0
67	1.9953 00	2.221D 04	2.610D 02	1.305D 02	7.121D-11	1.047D 00	2.099D-01	3.170D-01	9.999D-01	0.0	0.0
69	2.5123 00	2.317D 04	3.108D 02	1.554D 02	8.128D-11	1.082D 00	-1.015D-01	-5.947D-03	9.999D-01	0.0	0.0
71	3.1623 00	2.423D 04	3.697D 02	1.848D 02	9.247D-11	1.115D 00	-8.354D-01	-1.545D 00	9.999D-01	0.0	0.0
73	3.9813 00	2.542D 04	4.394D 02	2.197D 02	1.048D-10	1.142D 00	-1.243D 00	-1.365D 00	9.999D-01	0.0	0.0
75	5.0123 00	2.665D 04	5.238D 02	2.519D 02	1.191D-10	1.175D 00	-4.465D-01	1.235D 00	9.999D-01	0.0	0.0
77	6.3103 00	2.781D 04	6.290D 02	3.145D 02	1.371D-10	1.227D 00	1.515D 00	2.595D 00	9.999D-01	0.0	0.0
79	7.9433 00	2.903D 04	7.541D 02	3.770D 02	1.574D-10	1.283D 00	4.019D-01	3.478D 00	9.999D-01	0.0	0.0
81	1.0003 01	3.054D 04	8.895D 02	4.447D 02	1.765D-10	1.313D 00	-7.325D-01	2.670D 00	9.999D-01	0.0	0.0
83	1.2593 01	3.233D 04	1.040D 03	5.198D 02	1.949D-10	1.322D 00	-1.364D 00	-3.481D-01	9.999D-01	0.0	0.0
85	1.5853 01	3.412D 04	1.233D 03	6.164D 02	2.190D-10	1.353D 00	-2.448D-01	-2.983D 00	9.999D-01	0.0	0.0
87	1.9953 01	3.581D 04	1.492D 03	7.458D 02	2.525D-10	1.420D 00	6.159D-01	-2.423D 00	9.999D-01	0.0	0.0
89	2.5123 01	3.747D 04	1.817D 03	9.086D 02	2.940D-10	1.510D 00	-2.775D-01	4.024D 00	9.999D-01	0.0	0.0
91	3.1623 01	3.939D 04	2.186D 03	1.093D 03	3.364D-10	1.578D 00	-2.775D-01	4.024D 00	9.999D-01	0.0	0.0
93	3.9813 01	4.163D 04	2.605D 03	1.303D 03	3.793D-10	1.623D 00	-4.761D-01	1.965D 00	9.999D-01	0.0	0.0
95	5.0123 01	4.404D 04	3.122D 03	1.561D 03	4.296D-10	1.675D 00	-7.047D-01	-3.283D 00	9.999D-01	0.0	0.0
97	6.3103 01	4.640D 04	3.810D 03	1.905D 03	4.977D-10	1.768D 00	-3.424D-01	-5.446D 00	9.999D-01	0.0	0.0
99	7.9433 01	4.876D 04	4.682D 03	2.341D 03	5.820D-10	1.889D 00	-1.329D 00	2.345D 00	9.999D-01	0.0	0.0

TEFF = 20000.0 LOG(G) = 2.50 X = 1.00000 Y = 0.0									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	3.105D C4	1061.56	2.545D 09	2050.00	8.562D 08	3636.18	1.762D 08	4034.83	1.727D 08
546.43	7.547D 04	1086.41	2.493D 09	2127.72	7.860D 08	3697.15	1.768D 08	4078.38	1.670D 08
649.38	6.094D 05	1100.00	2.464D 09	2292.47	6.580D 08	3698.31	1.786D 08	4101.73	1.550D 08
800.11	3.854D 06	1112.26	2.436D 09	2484.88	5.379D 08	3700.50	1.891D 08	4141.06	1.594D 08
911.76	9.000D 06	1136.26	2.379D 09	2600.00	4.784D 08	3702.69	1.738D 08	4217.72	1.506D 08
911.76	9.158D 06	1161.33	2.320D 09	2600.00	4.784D 08	3703.85	1.716D 08	4297.27	1.450D 08
913.07	2.247D 07	1175.00	2.288D 09	2677.27	4.430D 08	3705.25	1.780D 08	4340.46	1.070D 08
915.54	3.371D 07	1181.83	2.272D 09	2837.09	3.792D 08	3707.91	1.941D 08	4422.28	1.296D 08
918.03	5.940D 07	1194.99	2.239D 09	3017.20	3.203D 08	3710.56	1.754D 08	4586.15	1.154D 08
919.35	8.458D 07	1208.45	2.191D 09	3121.75	2.912D 08	3711.97	1.674D 08	4762.63	1.022D 08
919.63	9.111D 07	1215.67	1.245D 09	3121.76	2.912D 08	3713.69	1.810D 08	4861.32	7.372D 07
920.16	9.505D 07	1216.42	1.245D 09	3169.76	2.790D 08	3716.95	1.999D 08	4892.89	9.353D 07
920.68	1.195D 08	1217.83	1.940D 09	3264.93	2.566D 08	3720.21	1.780D 08	4953.86	8.987D 07
920.96	1.336D 08	1219.25	2.100D 09	3365.99	2.352D 08	3721.94	1.614D 08	5016.38	8.625D 07
921.34	1.466D 08	1220.00	2.127D 09	3421.87	2.243D 08	3724.08	1.848D 08	5050.00	8.438D 07
922.06	1.860D 08	1223.41	2.159D 09	3421.87	2.243D 08	3728.14	2.049D 08	5123.58	8.045D 07
922.77	1.951D 08	1229.92	2.156D 09	3458.74	2.175D 08	3732.22	1.849D 08	5269.12	7.332D 07
923.15	2.147D 08	1236.50	2.143D 09	3530.87	2.048D 08	3734.37	1.585D 08	5423.16	6.660D 07
923.68	2.339D 08	1240.00	2.136D 09	3606.08	1.926D 08	3737.09	1.921D 08	5508.11	6.323D 07
924.69	3.578D 08	1249.96	2.114D 09	3647.05	1.863D 08	3742.24	2.081D 08	5665.32	5.751D 07
925.69	3.418D 08	1269.29	2.070D 09	3647.05	1.787D 08	3747.42	1.913D 08	5989.38	4.762D 07
926.22	3.696D 08	1289.23	2.026D 09	3649.67	1.785D 08	3753.67	1.979D 08	6352.76	3.891D 07
927.00	3.982D 08	1300.00	2.001D 09	3654.64	1.810D 08	3753.67	1.979D 08	6562.80	2.820D 07
928.48	8.231D 08	1316.23	1.966D 09	3659.62	1.865D 08	3760.36	2.090D 08	6797.77	3.078D 07
929.96	4.811D 08	1348.15	1.897D 09	3662.26	1.901D 08	3767.08	1.980D 08	7292.74	2.406D 07
930.75	5.034D 08	1381.65	1.827D 09	3665.27	1.934D 08	3770.63	1.535D 08	7865.45	1.841D 07
931.96	7.026D 08	1400.00	1.790D 09	3670.98	1.942D 08	3775.31	2.022D 08	8205.87	1.583D 07
934.26	1.499D 09	1419.35	1.752D 09	3676.71	1.893D 08	3784.22	2.074D 08	8205.87	1.483D 07
936.58	9.873D 08	1457.53	1.677D 09	3679.74	1.868D 08	3793.16	2.000D 08	8862.47	1.249D 07
937.80	7.798D 08	1497.83	1.602D 09	3680.27	1.861D 08	3804.32	2.019D 08	10448.64	6.842D 06
939.84	1.599D 09	1520.00	1.562D 09	3681.28	1.855D 08	3816.55	2.036D 08	12726.36	3.285D 06
943.74	2.133D 09	1545.12	1.518D 09	3682.28	1.845D 08	3828.85	1.989D 08	15890.88	1.438D 06
947.66	1.770D 09	1595.10	1.433D 09	3682.81	1.845D 08	3835.38	1.493D 08	19843.04	6.149D 05
949.74	8.479D 08	1648.41	1.348D 09	3683.50	1.841D 08	3844.54	1.983D 08	25411.82	2.042D 05
953.60	2.268D 09	1678.00	1.303D 09	3684.82	1.845D 08	3852.03	1.971D 08	32000.00	9.662D 04
961.00	2.520D 09	1723.39	1.237D 09	3686.13	1.819D 08	3859.05	1.931D 08	34121.04	7.511D 04
968.52	2.462D 09	1816.53	1.112D 09	3686.83	1.823D 08	3879.67	1.906D 08	39024.39	4.435D 04
972.54	1.196D 09	1920.32	9.891D 08	3687.64	1.818D 08	3899.05	1.441D 08	45573.51	2.405D 04
981.32	2.606D 09	1980.00	9.253D 08	3689.19	1.843D 08	3902.80	1.873D 08	50000.00	1.669D 04
998.42	2.635D 09	1991.74	9.132D 08	3690.73	1.788D 08	3929.14	1.831D 08	54724.75	1.168D 04
1016.12	2.596D 09	2014.39	8.905D 08	3691.55	1.793D 08	3955.84	1.385D 08	66666.67	5.339D 03
1025.72	9.921D 08	2037.56	8.680D 08	3692.52	1.791D 08	3970.07	1.783D 08	85275.25	2.098D 03
1037.82	2.575D 09	2050.00	8.562D 08	3694.35	1.859D 08	3992.20			

TEFF = 20000.0 LOG(G) = 3.00 X = 1.00000 Y = 0.0											
I	TAJ	TE	PG	PE	RHO	KAPZ	DF (%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.2680 04	2.2630-05	1.1320-05	1.1360-17	3.9750-01	5.9000-02	-3.9070 01	1.0000 00	0.0	0.0
3	1.0000-07	1.2070 04	2.2180-04	1.1090-04	1.1130-16	3.9750-01	5.9000-02	-3.5410 01	1.0000 00	0.0	0.0
5	1.0000-06	1.2000 04	2.2130-03	1.1070-03	1.1180-15	3.9760-01	5.9000-02	1.6750 02	1.0000 00	0.0	0.0
7	1.0000-05	1.2080 04	2.2110-02	1.1060-02	1.1090-14	3.9790-01	5.9000-02	-5.9190 01	1.0000 00	0.0	0.0
9	1.0000-04	1.2010 04	2.1980-01	1.0990-01	1.1100-13	4.0140-01	6.0230-02	1.8470 02	1.0000 00	0.0	0.0
11	1.0000-03	1.2320 04	2.0920 00	1.0460 00	1.0290-12	4.3120-01	6.0910-02	3.1170 02	9.9990-01	0.0	0.0
13	1.3590-03	1.2740 04	2.8010 00	1.4000 00	1.3320-12	4.3760-01	6.0640-02	-2.8630 02	9.9990-01	0.0	0.0
15	1.8480-03	1.2910 04	3.7380 00	1.8690 00	1.7550-12	4.4860-01	6.0180-02	-3.3510 02	9.9990-01	0.0	0.0
17	2.5120-03	1.3000 04	4.9710 00	2.4850 00	2.3180-12	4.6400-01	5.8400-02	-2.4750 02	9.9990-01	0.0	0.0
19	3.4150-03	1.2860 04	6.5810 00	3.2900 00	3.1020-12	4.8870-01	5.8400-02	3.7490 02	9.9980-01	0.0	0.0
21	4.6420-03	1.3300 04	8.6620 00	4.3310 00	3.9490-12	5.0460-01	5.7790-02	-2.7360 02	9.9980-01	0.0	0.0
23	6.3100-03	1.3250 04	1.1340 01	5.6690 00	5.1880-12	5.3940-01	6.1640-02	2.0110 02	9.9980-01	0.0	0.0
25	8.5770-03	1.3510 04	1.4740 01	7.3670 00	6.6110-12	5.7000-01	6.8240-02	-1.2910 02	9.9980-01	0.0	0.0
27	1.1660-02	1.3530 04	1.9010 01	9.5030 00	8.5180-12	6.1910-01	7.2910-02	1.6720 02	9.9970-01	0.0	0.0
29	1.5950-02	1.3720 04	2.4310 01	1.2150 01	1.0740-11	6.6780-01	7.0780-02	-7.8380-01	9.9970-01	0.0	0.0
31	2.1540-02	1.3900 04	3.0810 01	1.5400 01	1.3440-11	7.2550-01	6.9170-02	-7.5930 01	9.9970-01	0.0	0.0
33	2.9990-02	1.4030 04	3.8760 01	1.9380 01	1.6750-11	7.9730-01	5.9700-02	1.9420 01	9.9960-01	0.0	0.0
35	3.9810-02	1.4260 04	4.8430 01	2.4210 01	2.0590-11	8.7080-01	4.7510-02	-3.6200 01	9.9960-01	0.0	0.0
37	5.4120-02	1.4470 04	6.0130 01	3.0060 01	2.5190-11	9.5680-01	2.2100-02	-1.2810 01	9.9960-01	0.0	0.0
39	7.3560-02	1.4760 04	7.4360 01	3.7170 01	3.0540-11	1.0460 00	-1.7740-03	-1.2150 01	9.9960-01	0.0	0.0
41	1.0000-01	1.5070 04	9.1720 01	4.5850 01	3.6880-11	1.1440 00	-4.3620-02	-1.4170 01	9.9960-01	0.0	0.0
43	1.2590-01	1.5330 04	1.0720 02	5.3580 01	4.2370-11	1.2230 00	-7.2650-02	-1.2740 01	9.9960-01	0.0	0.0
45	1.5950-01	1.5630 04	1.2520 02	6.2580 02	4.8560-11	1.3040 00	-1.2630-01	-1.1640 01	9.9960-01	0.0	0.0
47	1.9950-01	1.5950 04	1.4620 02	7.3070 01	5.5570-11	1.3900 00	-1.6760-01	-1.0490 01	9.9970-01	0.0	0.0
49	2.5120-01	1.6290 04	1.7070 02	8.5340 01	6.3510-11	1.4800 00	-2.0960-01	-8.8750 00	9.9970-01	0.0	0.0
51	3.1620-01	1.6670 04	1.9950 02	9.9720 01	7.2520-11	1.5740 00	-2.0360-01	-5.8300 00	9.9970-01	0.0	0.0
53	3.9810-01	1.7090 04	2.3320 02	1.1660 02	8.2710-11	1.6700 00	-2.2860-01	-4.1480 00	9.9970-01	0.0	0.0
55	5.0120-01	1.7560 04	2.7310 02	1.3650 02	9.4290-11	1.7690 00	-2.3720-01	-3.6030 00	9.9970-01	0.0	0.0
57	6.3100-01	1.8070 04	3.2040 02	1.6020 02	1.0750-10	1.8720 00	-3.4450-01	-2.7770 00	9.9970-01	0.0	0.0
59	7.9430-01	1.8610 04	3.7630 02	1.8810 02	1.2260-10	1.9810 00	-3.8580-01	-1.2300 00	9.9970-01	0.0	0.0
61	1.0400 00	1.9190 04	4.4280 02	2.2140 02	1.3980-10	2.0930 00	-3.6400-01	1.3070 00	9.9970-01	0.0	0.0
63	1.2590 00	1.9810 04	5.2170 02	2.6080 02	1.5960-10	2.2150 00	-1.6390-01	3.1380 00	9.9970-01	0.0	0.0
65	1.5950 00	2.0500 04	6.1540 02	3.0770 02	1.8200-10	2.3360 00	2.8540-01	2.5160 00	9.9970-01	0.0	0.0
67	1.9950 00	2.1230 04	7.2720 02	3.6350 02	2.0760-10	2.4640 00	3.9770-02	3.9280-01	9.9970-01	0.0	0.0
69	2.5120 00	2.2010 04	8.6030 02	4.3010 02	2.3690-10	2.5980 00	-2.1310-01	-1.1930-01	9.9970-01	0.0	0.0
71	3.1620 00	2.2830 04	1.0190 03	5.0950 02	2.7060-10	2.7430 00	-5.4230-01	9.3250-01	9.9980-01	0.0	0.0
73	3.9810 00	2.3710 04	1.2080 03	6.0410 02	3.0900-10	2.8950 00	-6.1950-01	3.5030 00	9.9980-01	0.0	0.0
75	5.0120 00	2.4630 04	1.4330 03	7.1660 02	3.5270-10	3.0540 00	1.9370-01	3.5360 00	9.9980-01	0.0	0.0
77	6.3100 00	2.5560 04	1.7010 03	8.5040 02	4.0340-10	3.2400 00	1.7070 00	-1.5790 00	9.9980-01	0.0	0.0
79	7.9430 00	2.6540 04	2.0160 03	1.0080 03	4.6050-10	3.4300 00	4.5040-01	-5.9150 00	9.9980-01	0.0	0.0
81	1.0400 01	2.7710 04	2.3850 03	1.1920 03	5.2160-10	3.5790 00	-9.8940-01	-4.6830 00	9.9980-01	0.0	0.0
83	1.2590 01	2.9080 04	2.8220 03	1.4110 03	5.8830-10	3.7000 00	-1.3110 00	5.0940 00	9.9980-01	0.0	0.0
85	1.5950 01	3.0460 04	3.3500 03	1.6750 03	6.6650-10	3.8720 00	-5.2230-01	1.2550 01	9.9980-01	0.0	0.0
87	1.9950 01	3.1820 04	3.9860 03	1.9930 03	7.5950-10	4.0940 00	1.3260 00	8.1630 00	9.9980-01	0.0	0.0
89	2.5120 01	3.3120 04	4.7470 03	2.3730 03	8.6870-10	4.3690 00	1.6520 00	-9.9580 00	9.9980-01	0.0	0.0
91	3.1620 01	3.4690 04	5.6280 03	2.8140 03	9.8330-10	4.5840 00	-2.2200-01	-9.8670 00	9.9980-01	0.0	0.0
93	3.9810 01	3.6650 04	6.6440 03	3.3220 03	1.0990-09	4.7000 00	-1.1030 00	-2.8730 00	9.9980-01	0.0	0.0
95	5.0120 01	3.8820 04	7.8640 03	3.9320 03	1.2280-09	4.8070 00	-3.8800-01	2.2990 00	9.9980-01	0.0	0.0
97	6.3100 01	4.0890 04	9.3870 03	4.6930 03	1.3910-09	5.0190 00	1.3890-01	-1.8440 00	9.9980-01	0.0	0.0
99	7.9430 01	4.2970 04	1.1250 04	5.6260 03	1.5870-09	5.2980 00	1.0680-01	-9.1570-01	9.9980-01	0.0	0.0



TEFF = 20000.0 LOG(G) = 3.00 X = 1.00000 Y = 0.0									
_AM	F LAM		LAM		F LAM		LAM		F LAM
	F LAM		LAM		F LAM		LAM		F LAM
504.26	1.420D 04	1061.56	2.887D 09	2050.00	8.149D 03	3696.18	1.641D 08	4034.83	1.776D 08
546.43	4.510D 04	1085.41	2.823D 09	2127.72	7.432D 03	3697.15	1.645D 08	4078.38	1.708D 08
649.38	3.849D 05	1100.00	2.784D 09	2292.47	6.152D 03	3698.31	1.650D 08	4101.73	1.069D 08
800.11	2.755D 06	1112.26	2.745D 09	2484.38	4.984D 03	3700.50	1.697D 08	4141.06	1.633D 08
911.76	6.207D 06	1136.26	2.670D 09	2600.00	4.418D 03	3702.69	1.609D 08	4217.72	1.540D 08
911.76	6.232D 06	1161.33	2.589D 09	2600.00	4.418D 03	3703.85	1.601D 08	4297.27	1.447D 08
913.07	1.419D 07	1175.00	2.544D 09	2677.27	4.083D 03	3705.25	1.634D 08	4340.46	9.248D 07
915.54	1.854D 07	1181.83	2.520D 09	2837.09	3.485D 03	3707.91	1.725D 08	4422.28	1.318D 08
918.03	2.558D 07	1194.99	2.470D 09	3017.20	2.938D 03	3710.56	1.592D 08	4586.15	1.169D 08
919.35	3.059D 07	1208.45	2.329D 09	3121.75	2.670D 03	3711.97	1.550D 08	4762.63	1.030D 08
919.63	3.166D 07	1215.67	4.122D 08	3121.76	2.670D 03	3713.69	1.632D 08	4861.32	6.508D 07
920.15	3.230D 07	1216.42	4.128D 08	3169.76	2.558D 03	3716.95	1.776D 08	4892.89	9.383D 07
920.68	3.604D 07	1217.83	1.366D 09	3264.93	2.353D 03	3720.21	1.578D 08	4953.86	9.022D 07
920.96	3.804D 07	1219.25	1.956D 09	3365.99	2.158D 03	3721.94	1.468D 08	5016.38	8.649D 07
921.34	3.981D 07	1220.00	2.093D 09	3421.87	2.059D 03	3724.08	1.636D 08	5050.00	8.457D 07
922.05	4.013D 07	1223.41	2.301D 09	3421.87	2.059D 03	3728.14	1.852D 08	5123.58	8.052D 07
922.77	4.598D 07	1229.92	2.349D 09	3458.74	1.996D 03	3732.22	1.614D 08	5269.12	7.320D 07
923.15	4.840D 07	1236.50	2.342D 09	3530.87	1.881D 03	3734.37	1.410D 08	5423.16	6.633D 07
923.68	5.081D 07	1240.00	2.334D 09	3606.08	1.769D 03	3737.09	1.690D 08	5508.11	6.288D 07
924.69	6.676D 07	1249.96	2.308D 09	3647.05	1.712D 03	3742.24	1.937D 08	5665.32	5.707D 07
925.69	6.452D 07	1269.29	2.252D 09	3647.05	1.638D 03	3747.42	1.665D 08	5989.38	4.708D 07
926.22	6.921D 07	1289.23	2.194D 09	3649.67	1.635D 03	3750.15	1.343D 08	6352.76	3.833D 07
927.00	7.205D 07	1300.00	2.162D 09	3654.64	1.646D 03	3753.67	1.759D 08	6562.80	2.587D 07
928.48	1.558D 08	1315.23	2.116D 09	3659.62	1.679D 03	3760.36	2.011D 08	6797.77	3.021D 07
929.96	8.373D 07	1348.15	2.027D 09	3662.26	1.703D 03	3767.08	1.769D 08	7292.74	2.356D 07
930.75	8.714D 07	1381.65	1.937D 09	3665.27	1.734D 03	3770.63	1.313D 08	7865.45	1.799D 07
931.96	1.225D 08	1400.00	1.890D 09	3670.98	1.783D 03	3775.31	1.866D 08	8205.87	1.545D 07
934.26	4.960D 08	1419.35	1.841D 09	3676.71	1.792D 03	3784.22	2.055D 08	8205.87	1.474D 07
936.58	1.947D 08	1457.53	1.748D 09	3679.74	1.778D 03	3793.16	1.854D 08	8862.47	1.240D 07
937.80	1.379D 08	1497.83	1.655D 09	3680.27	1.772D 03	3797.90	1.274D 08	10448.64	6.749D 06
939.84	5.418D 08	1520.00	1.607D 09	3681.28	1.764D 03	3804.32	1.938D 08	12726.36	3.224D 06
943.74	1.339D 09	1545.12	1.553D 09	3682.28	1.756D 03	3816.55	2.059D 08	14380.00	2.032D 06
947.66	6.822D 08	1595.10	1.452D 09	3682.81	1.753D 03	3828.85	1.929D 08	15890.88	1.413D 06
949.74	1.547D 08	1648.41	1.353D 09	3683.50	1.747D 03	3835.38	1.255D 08	19843.04	6.019D 05
953.60	1.554D 09	1678.00	1.301D 09	3684.82	1.739D 03	3844.54	1.975D 08	26411.82	1.999D 05
961.00	2.378D 09	1723.39	1.225D 09	3686.13	1.721D 03	3862.03	2.018D 08	32000.00	9.452D 04
968.52	2.088D 09	1816.53	1.086D 09	3686.83	1.719D 03	3879.67	1.927D 08	34121.04	7.348D 04
972.54	2.678D 08	1920.32	9.533D 08	3687.94	1.712D 03	3889.05	1.213D 08	39024.39	4.338D 04
981.32	2.719D 09	1980.00	8.863D 08	3689.19	1.710D 03	3902.80	1.935D 08	45573.51	2.355D 04
993.42	2.926D 09	1991.74	8.741D 08	3690.73	1.678D 03	3929.14	1.927D 08	50000.00	1.633D 04
1016.12	2.811D 09	2014.39	8.505D 08	3691.55	1.678D 03	3955.84	1.863D 08	54724.75	1.145D 04
1025.72	2.175D 08	2037.56	8.271D 08	3692.52	1.673D 03	3970.07	1.172D 08	66666.67	5.230D 03
1037.82	2.853D 09	2050.00	8.149D 08	3694.35	1.693D 03	3992.20	1.828D 08	85275.25	1.965D 03

TEFF = 20000.0 LOG(G) = 3.50 X = 1.00300 Y = 0.0											
I	TAJ	TE	PG	PE	RHO	KAPZ	D=(%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	1.169D 04	7.811D-05	3.905D-05	4.050D-17	3.975D-01	-1.542D-02	5.451D 02	1.0003 00	0.0	0.0
3	1.0003-07	1.170D 04	7.668D-04	3.834D-04	3.972D-16	3.975D-01	-1.542D-02	5.456D 02	1.0003 00	0.0	0.0
5	1.0003-06	1.169D 04	7.652D-03	3.826D-03	3.969D-15	3.977D-01	-1.542D-02	5.449D 02	1.0003 00	0.0	0.0
7	1.0003-05	1.168D 04	7.637D-02	3.818D-02	3.964D-14	3.990D-01	-1.542D-02	5.445D 02	1.0003 00	0.0	0.0
9	1.0003-04	1.232D 04	7.516D-01	3.758D-01	3.699D-13	4.096D-01	-1.329D-02	-5.886D 02	1.0003 00	0.0	0.0
11	1.0003-03	1.286D 04	6.697D 00	3.348D 00	3.157D-12	4.904D-01	-1.642D-02	-4.979D 02	9.998D-01	0.0	0.0
13	1.3593-03	1.241D 04	8.787D 00	4.393D 00	4.293D-12	5.354D-01	-1.320D-02	5.785D 02	9.997D-01	0.0	0.0
15	1.8483-03	1.277D 04	1.149D 01	5.742D 00	5.451D-12	5.605D-01	-1.497D-02	2.876D 02	9.997D-01	0.0	0.0
17	2.5123-03	1.334D 04	1.490D 01	7.447D 00	6.770D-12	5.797D-01	-1.178D-02	5.135D 02	9.997D-01	0.0	0.0
19	3.4153-03	1.357D 04	1.926D 01	9.628D 00	8.602D-12	6.196D-01	-1.538D-02	-6.549D 02	9.997D-01	0.0	0.0
21	4.6423-03	1.354D 04	2.471D 01	1.235D 01	1.106D-11	6.844D-01	-1.070D-02	3.506D 02	9.996D-01	0.0	0.0
23	6.310D-03	1.325D 04	3.130D 01	1.565D 01	1.432D-11	7.891D-01	-2.441D-03	3.851D 02	9.995D-01	0.0	0.0
25	8.5773-03	1.332D 04	3.946D 01	1.973D 01	1.796D-11	8.821D-01	-5.302D-03	5.177D 02	9.994D-01	0.0	0.0
27	1.1663-02	1.340D 04	4.929D 01	2.464D 01	2.231D-11	9.914D-01	-2.124D-02	5.279D 02	9.993D-01	0.0	0.0
29	1.585D-02	1.384D 04	6.117D 01	3.057D 01	2.680D-11	1.058D 00	-4.548D-02	-3.496D 02	9.994D-01	0.0	0.0
31	2.1543-02	1.375D 04	7.520D 01	3.758D 01	3.316D-11	1.227D 00	-5.658D-02	1.139D 02	9.992D-01	0.0	0.0
33	2.9293-02	1.398D 04	9.201D 01	4.599D 01	3.989D-11	1.357D 00	-6.383D-02	1.840D 00	9.992D-01	0.0	0.0
35	3.9813-02	1.420D 04	1.124D 02	5.617D 01	4.798D-11	1.509D 00	-6.723D-02	-3.502D 00	9.992D-01	0.0	0.0
37	5.4123-02	1.445D 04	1.370D 02	6.849D 01	5.751D-11	1.679D 00	-7.547D-02	-3.823D 00	9.992D-01	0.0	0.0
39	7.3563-02	1.472D 04	1.669D 02	8.341D 01	6.873D-11	1.865D 00	-8.388D-02	-3.620D 00	9.992D-01	0.0	0.0
41	1.0003-01	1.503D 04	2.031D 02	1.015D 02	8.192D-11	2.067D 00	-9.012D-02	-3.202D 00	9.993D-01	0.0	0.0
43	1.2593-01	1.528D 04	2.353D 02	1.176D 02	9.336D-11	2.230D 00	-9.872D-02	-2.946D 00	9.993D-01	0.0	0.0
45	1.5853-01	1.556D 04	2.728D 02	1.363D 02	1.063D-10	2.402D 00	-9.849D-02	-2.462D 00	9.993D-01	0.0	0.0
47	1.9953-01	1.586D 04	3.163D 02	1.581D 02	1.209D-10	2.582D 00	-9.503D-02	-2.062D 00	9.994D-01	0.0	0.0
49	2.5123-01	1.620D 04	3.670D 02	1.935D 02	1.374D-10	2.770D 00	-1.048D-01	-1.417D 00	9.994D-01	0.0	0.0
51	3.1623-01	1.656D 04	4.263D 02	2.313D 02	1.560D-10	2.966D 00	-1.237D-01	-1.079D 00	9.995D-01	0.0	0.0
53	3.9813-01	1.696D 04	4.958D 02	2.478D 02	1.773D-10	3.174D 00	-1.077D-01	-1.079D 00	9.995D-01	0.0	0.0
55	5.0123-01	1.739D 04	5.774D 02	2.887D 02	2.012D-10	3.385D 00	-9.515D-02	-5.169D-01	9.995D-01	0.0	0.0
57	6.3103-01	1.786D 04	6.736D 02	3.367D 02	2.286D-10	3.609D 00	-5.551D-02	-3.538D-01	9.995D-01	0.0	0.0
59	7.9433-01	1.837D 04	7.872D 02	3.935D 02	2.598D-10	3.842D 00	-1.043D-02	1.709D-01	9.995D-01	0.0	0.0
61	1.0003 00	1.891D 04	9.214D 02	4.606D 02	2.953D-10	4.090D 00	-1.833D-01	3.307D-01	9.995D-01	0.0	0.0
63	1.2593 00	1.949D 04	1.080D 03	5.400D 02	3.359D-10	4.350D 00	-2.843D-01	4.547D-01	9.995D-01	0.0	0.0
65	1.5853 00	2.012D 04	1.268D 03	6.340D 02	3.822D-10	4.625D 00	-9.702D-02	5.070D-01	9.995D-01	0.0	0.0
67	1.9953 00	2.075D 04	1.491D 03	7.452D 02	4.355D-10	4.932D 00	-3.725D-02	1.040D 00	9.995D-01	0.0	0.0
69	2.5123 00	2.142D 04	1.753D 03	8.765D 02	4.961D-10	5.254D 00	-2.040D-01	9.924D-01	9.995D-01	0.0	0.0
71	3.1623 00	2.215D 04	2.064D 03	1.032D 03	5.649D-10	5.590D 00	-1.514D-01	-1.399D-01	9.995D-01	0.0	0.0
73	3.9813 00	2.293D 04	2.431D 03	1.215D 03	6.426D-10	5.928D 00	-4.358D-01	-8.020D-01	9.996D-01	0.0	0.0
75	5.0123 00	2.380D 04	2.868D 03	1.434D 03	7.306D-10	6.269D 00	-5.022D-01	-2.745D-01	9.996D-01	0.0	0.0
77	6.3103 00	2.464D 04	3.387D 03	1.693D 03	8.333D-10	6.681D 00	-5.151D-01	5.747D-01	9.996D-01	0.0	0.0
79	7.9433 00	2.546D 04	3.997D 03	1.998D 03	9.517D-10	7.162D 00	-5.399D-01	2.022D 00	9.996D-01	0.0	0.0
81	1.0003 01	2.643D 04	4.713D 03	2.356D 03	1.081D-09	7.578D 00	-5.484D-02	1.553D 00	9.996D-01	0.0	0.0
83	1.2593 01	2.763D 04	5.562D 03	2.780D 03	1.220D-09	7.889D 00	-7.724D-01	1.329D-01	9.996D-01	0.0	0.0
85	1.5853 01	2.892D 04	6.585D 03	3.292D 03	1.380D-09	8.229D 00	-3.681D-01	-9.174D-01	9.997D-01	0.0	0.0
87	1.9953 01	3.013D 04	7.813D 03	3.906D 03	1.572D-09	8.752D 00	-4.823D-01	-5.929D-01	9.997D-01	0.0	0.0
89	2.5123 01	3.122D 04	9.266D 03	4.632D 03	1.799D-09	9.437D 00	-7.185D-01	1.677D-01	9.997D-01	0.0	0.0
91	3.1623 01	3.258D 04	1.096D 04	5.477D 03	2.039D-09	9.983D 00	-2.592D-01	3.025D 00	9.997D-01	0.0	0.0
93	3.9813 01	3.437D 04	1.294D 04	6.469D 03	2.282D-09	1.028D 01	-4.341D-01	2.413D 00	9.997D-01	0.0	0.0
95	5.0123 01	3.633D 04	1.534D 04	7.669D 03	2.559D-09	1.057D 01	-1.873D-02	-2.685D 00	9.997D-01	0.0	0.0
97	6.3103 01	3.819D 04	1.827D 04	9.135D 03	2.900D-09	1.109D 01	-8.944D-02	-3.834D 00	9.997D-01	0.0	0.0
99	7.9433 01	4.011D 04	2.179D 04	1.089D 04	3.293D-09	1.168D 01	-2.054D-01	3.827D-01	9.997D-01	0.0	0.0

TEFF = 20000.0 LOG(G) = 3.50 X = 1.00000 Y = 0.0									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.382D 04	1061.56	3.183D 09	2050.00	7.863D 03	3696.18	1.609D 08	4034.83	1.783D 08
546.43	3.663D 04	1086.41	3.120D 09	2127.72	7.152D 03	3697.15	1.609D 08	4078.38	1.703D 08
649.38	3.089D 05	1100.00	3.072D 09	2292.47	5.892D 03	3698.31	1.607D 08	4101.73	9.673D 07
800.11	2.301D 06	1112.26	3.021D 09	2484.88	4.760D 03	3700.50	1.617D 08	4141.06	1.636D 08
911.76	5.937D 06	1136.26	2.923D 09	2600.30	4.216D 03	3702.69	1.566D 08	4217.72	1.546D 08
911.76	6.036D 06	1161.33	2.816D 09	2600.00	4.215D 08	3703.85	1.563D 08	4297.27	1.449D 08
913.07	1.118D 07	1175.00	2.754D 09	2677.27	3.894D 03	3705.25	1.577D 08	4340.46	8.438D 07
915.54	1.560D 07	1181.83	2.719D 09	2837.09	3.322D 03	3707.91	1.617D 08	4422.28	1.319D 08
918.03	1.921D 07	1194.99	2.642D 09	3017.20	2.800D 03	3710.56	1.541D 08	4586.15	1.168D 08
919.35	2.002D 07	1208.45	2.298D 09	3121.75	2.545D 03	3711.97	1.520D 08	4762.63	1.027D 08
919.63	2.120D 07	1215.67	1.961D 08	3121.76	2.545D 03	3713.69	1.564D 08	4861.32	6.039D 07
920.16	2.184D 07	1216.42	1.962D 08	3169.76	2.438D 03	3716.95	1.639D 08	4892.89	9.309D 07
920.68	2.271D 07	1217.83	7.403D 08	3264.93	2.244D 03	3720.21	1.502D 08	4953.86	8.976D 07
920.96	2.288D 07	1219.25	1.498D 09	3365.99	2.059D 03	3721.94	1.441D 08	5016.38	8.603D 07
921.34	2.367D 07	1220.00	1.770D 09	3421.87	1.966D 03	3724.08	1.542D 08	5050.00	8.409D 07
922.06	2.388D 07	1223.41	2.293D 09	3421.87	1.966D 03	3728.14	1.692D 08	5123.58	8.003D 07
922.77	2.723D 07	1229.92	2.463D 09	3458.74	1.907D 03	3732.22	1.501D 08	5269.12	7.268D 07
923.15	2.794D 07	1236.50	2.479D 09	3530.87	1.798D 03	3734.37	1.365D 08	5423.16	6.581D 07
923.68	2.852D 07	1240.00	2.475D 09	3606.08	1.692D 03	3737.09	1.563D 08	5508.11	6.236D 07
924.69	3.399D 07	1249.96	2.449D 09	3647.05	1.637D 03	3742.24	1.775D 08	5665.32	5.656D 07
925.69	3.315D 07	1269.29	2.383D 09	3647.05	1.566D 03	3747.42	1.516D 08	5989.38	4.658D 07
926.22	3.469D 07	1289.23	2.313D 09	3649.67	1.561D 03	3750.15	1.271D 08	6352.76	3.787D 07
927.00	3.609D 07	1300.00	2.275D 09	3654.64	1.566D 03	3753.67	1.599D 08	6562.80	2.476D 07
928.48	5.998D 07	1316.23	2.217D 09	3659.62	1.585D 03	3760.36	1.873D 08	6797.77	2.981D 07
929.95	3.954D 07	1349.15	2.111D 09	3662.26	1.599D 03	3767.08	1.595D 08	7292.74	2.321D 07
930.75	4.046D 07	1381.65	2.004D 09	3665.27	1.620D 03	3770.63	1.217D 08	7865.45	1.771D 07
931.96	5.056D 07	1400.00	1.948D 09	3670.98	1.664D 03	3775.31	1.699D 08	8205.87	1.521D 07
934.26	1.648D 08	1419.35	1.890D 09	3676.71	1.700D 03	3784.22	1.958D 08	8205.87	1.465D 07
935.58	7.068D 07	1457.53	1.784D 09	3679.74	1.707D 03	3793.16	1.685D 08	8862.47	1.231D 07
937.80	5.539D 07	1497.83	1.678D 09	3680.27	1.706D 03	3797.90	1.161D 08	10448.64	6.679D 06
939.84	1.774D 08	1520.00	1.623D 09	3681.28	1.705D 03	3804.32	1.797D 08	12726.36	3.183D 06
943.74	6.569D 08	1545.12	1.563D 09	3682.28	1.704D 03	3816.55	2.006D 08	14380.00	2.006D 06
947.66	2.277D 08	1595.10	1.452D 09	3682.81	1.704D 03	3828.85	1.803D 08	15890.88	1.396D 06
949.74	6.189D 07	1648.41	1.344D 09	3683.50	1.702D 03	3835.38	1.132D 08	19843.04	5.938D 05
953.60	7.940D 08	1678.00	1.288D 09	3684.82	1.697D 03	3844.54	1.891D 08	26411.82	1.970D 05
961.00	1.940D 09	1723.39	1.208D 09	3686.13	1.689D 03	3862.03	1.999D 08	32000.00	9.336D 04
968.52	1.388D 09	1816.53	1.062D 09	3686.83	1.687D 03	3879.67	1.851D 08	34121.04	7.239D 04
972.54	9.622D 07	1920.32	9.260D 08	3687.84	1.682D 03	3889.05	1.088D 08	39024.39	4.300D 04
981.32	2.561D 09	1980.00	8.578D 08	3689.19	1.674D 03	3902.80	1.898D 08	45573.51	2.318D 04
998.42	3.090D 09	1991.74	8.455D 08	3690.73	1.655D 03	3929.14	1.927D 08	50000.00	1.623D 04
1016.12	2.790D 09	2014.39	8.219D 08	3691.55	1.652D 03	3955.84	1.837D 08	54724.75	1.133D 04
1025.72	9.209D 07	2037.56	7.986D 08	3692.52	1.645D 03	3970.07	1.050D 08	66666.67	5.223D 03
1037.82	2.976D 09	2050.00	7.864D 08	3694.35	1.642D 03	3992.20	1.823D 08	85275.25	1.965D 03

TEFF = 20000.0 LOG(G) = 4.00 X = 1.00000 Y = 0.0											
I	TAJ	TE	PG	PE	RHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0000-08	1.1500 04	2.5350-04	1.2680-04	1.3370-16	3.9750-01	-1.4850-01	-2.3900 02	1.0000 00	0.0	0.0
3	1.0000-07	1.1500 04	2.4900-03	1.2450-03	1.3120-15	3.9760-01	-1.4850-01	-6.2410 02	1.0000 00	0.0	0.0
5	1.0000-06	1.1570 04	2.4840-02	1.2420-02	1.3010-14	3.9800-01	-1.4850-01	-6.2770 02	1.0000 00	0.0	0.0
7	1.0000-05	1.1510 04	2.4690-01	1.2350-01	1.3000-13	4.0260-01	-2.3500-01	-6.2480 02	1.0000 00	0.0	0.0
9	1.0000-04	1.2170 04	2.3590 00	1.1790 00	1.1740-12	4.3710-01	-3.2970-01	-3.3520 01	9.9990-01	0.0	0.0
11	1.0000-03	1.2850 04	1.8240 01	9.1190 00	8.6040-12	6.5080-01	-4.0350-01	7.5810-01	9.9960-01	0.0	0.0
13	1.3590-03	1.2540 04	2.3200 01	1.1600 01	1.1220-11	7.4870-01	-4.0940-01	9.9450 00	9.9930-01	0.0	0.0
15	1.8480-03	1.2770 04	2.9490 01	1.4740 01	1.4000-11	8.1580-01	-4.0830-01	8.7890 00	9.9930-01	0.0	0.0
17	2.5120-03	1.3390 04	3.7090 01	1.8540 01	1.6790-11	8.4500-01	-4.0750-01	-5.0700-01	9.9940-01	0.0	0.0
19	3.4150-03	1.3550 04	4.6580 01	2.3280 01	2.0840-11	9.3750-01	-4.0750-01	-2.4300 00	9.9940-01	0.0	0.0
21	4.6420-03	1.3490 04	5.8020 01	2.9000 01	2.6080-11	1.0800 00	-3.6910-01	-2.7820-01	9.9920-01	0.0	0.0
23	6.3100-03	1.3120 04	7.1240 01	3.5600 01	3.2920-11	1.3170 00	-3.6310-01	1.0750 01	9.9880-01	0.0	0.0
25	8.5770-03	1.3380 04	8.7360 01	4.3660 01	3.9590-11	1.4530 00	-3.3720-01	7.8160 00	9.9880-01	0.0	0.0
27	1.1660-02	1.3460 04	1.0690 02	5.3420 01	4.8190-11	1.6640 00	-3.2280-01	9.3770 00	9.9870-01	0.0	0.0
29	1.5850-02	1.3760 04	1.3010 02	6.5000 01	5.7320-11	1.8270 00	-3.3340-01	5.3070 00	9.9880-01	0.0	0.0
31	2.1540-02	1.3830 04	1.5750 02	7.8670 01	6.9070-11	2.1010 00	-3.1400-01	6.8420 00	9.9860-01	0.0	0.0
33	2.9290-02	1.4030 04	1.9010 02	9.4970 01	8.2160-11	2.3550 00	-2.6130-01	6.8440 00	9.9860-01	0.0	0.0
35	3.9810-02	1.4250 04	2.2940 02	1.1460 02	9.7640-11	2.6410 00	-2.1190-01	6.8460 00	9.9860-01	0.0	0.0
37	5.4120-02	1.4490 04	2.7690 02	1.3830 02	1.1590-10	2.9620 00	-1.6490-01	6.8370 00	9.9860-01	0.0	0.0
39	7.3560-02	1.4760 04	3.3430 02	1.6700 02	1.3740-10	3.3120 00	-1.3050-01	6.8010 00	9.9870-01	0.0	0.0
41	1.0000-01	1.5050 04	4.0370 02	2.0170 02	1.6270-10	3.7010 00	-1.3040-01	6.7630 00	9.9870-01	0.0	0.0
43	1.2590-01	1.5300 04	4.6530 02	2.3250 02	1.8440-10	4.0070 00	-9.0200-02	6.7020 00	9.9880-01	0.0	0.0
45	1.5850-01	1.5560 04	5.3670 02	2.6820 02	2.0920-10	4.3410 00	-7.3410-02	6.6730 00	9.9880-01	0.0	0.0
47	1.9990-01	1.5930 04	6.1950 02	3.0960 02	2.3700-10	4.6880 00	-6.2410-02	6.6180 00	9.9890-01	0.0	0.0
49	2.5120-01	1.6170 04	7.1580 02	3.5770 02	2.6840-10	5.0540 00	-4.3320-02	6.5190 00	9.9900-01	0.0	0.0
51	3.1620-01	1.6520 04	8.2820 02	4.1390 02	3.0400-10	5.4330 00	-6.7520-02	6.4320 00	9.9910-01	0.0	0.0
53	3.9810-01	1.6910 04	9.5980 02	4.7970 02	3.4410-10	5.8250 00	-5.3190-02	6.3040 00	9.9920-01	0.0	0.0
55	5.0120-01	1.7330 04	1.1140 03	5.5680 02	3.8980-10	6.2360 00	-1.3520-02	6.1180 00	9.9920-01	0.0	0.0
57	6.3100-01	1.7780 04	1.2960 03	6.4750 02	4.4180-10	6.6730 00	9.1460-03	5.8640 00	9.9920-01	0.0	0.0
59	7.9430-01	1.8260 04	1.5090 03	7.5410 02	5.0100-10	7.1330 00	5.5670-02	5.4450 00	9.9920-01	0.0	0.0
61	1.0000 00	1.8780 04	1.7600 03	8.7980 02	5.6840-10	7.6180 00	-5.4190-02	5.0420 00	9.9920-01	0.0	0.0
63	1.2590 00	1.9330 04	2.0570 03	1.0280 03	6.4500-10	8.1260 00	-2.1580-01	5.1920 00	9.9920-01	0.0	0.0
65	1.5850 00	1.9930 04	2.4070 03	1.2030 03	7.3240-10	8.6640 00	-1.2880-01	5.4970 00	9.9920-01	0.0	0.0
67	1.9990 00	2.0520 04	2.8200 03	1.4090 03	8.3310-10	9.2750 00	9.3830-02	5.0870 00	9.9930-01	0.0	0.0
69	2.5120 00	2.1160 04	3.3060 03	1.6520 03	9.4740-10	9.9160 00	2.4060-01	3.9740 00	9.9930-01	0.0	0.0
71	3.1620 00	2.1830 04	3.8780 03	1.9380 03	1.0770-09	1.0580 01	2.7190-01	2.1320 00	9.9930-01	0.0	0.0
73	3.9810 00	2.2570 04	4.5540 03	2.2760 03	1.2230-09	1.1260 01	-2.8140-01	1.4730 00	9.9930-01	0.0	0.0
75	5.0120 00	2.3390 04	5.3550 03	2.6770 03	1.3880-09	1.1950 01	-5.7150-01	3.4800 00	9.9940-01	0.0	0.0
77	6.3100 00	2.4190 04	6.3040 03	3.1510 03	1.5800-09	1.2750 01	9.2590-02	5.0030 00	9.9940-01	0.0	0.0
79	7.9430 00	2.4950 04	7.4170 03	3.7080 03	1.8020-09	1.3720 01	3.6770-01	4.2070 00	9.9950-01	0.0	0.0
81	1.0000 01	2.5850 04	8.7240 03	4.3610 03	2.0460-09	1.4590 01	1.3710-01	2.3500 00	9.9950-01	0.0	0.0
83	1.2590 01	2.6950 04	1.0280 04	5.1360 03	2.3120-09	1.5280 01	-4.2800-01	1.0890 00	9.9950-01	0.0	0.0
85	1.5850 01	2.8140 04	1.2140 04	6.0670 03	2.6150-09	1.6000 01	-3.4710-01	1.0600 00	9.9950-01	0.0	0.0
87	1.9990 01	2.9300 04	1.4370 04	7.1810 03	2.9720-09	1.6970 01	1.7680-01	1.4660 00	9.9950-01	0.0	0.0
89	2.5120 01	3.0370 04	1.7000 04	8.4950 03	3.3920-09	1.8250 01	5.5630-01	1.1890 00	9.9950-01	0.0	0.0
91	3.1620 01	3.1660 04	2.0080 04	1.0040 04	3.8430-09	1.9350 01	-1.4190-01	2.6590 00	9.9950-01	0.0	0.0
93	3.9810 01	3.3320 04	2.3730 04	1.1860 04	4.3190-09	2.0070 01	-3.3000-01	2.1110 00	9.9950-01	0.0	0.0
95	5.0120 01	3.5130 04	2.8160 04	1.4070 04	4.8590-09	2.0810 01	-5.1590-02	-7.2450-01	9.9950-01	0.0	0.0
97	6.3100 01	3.6880 04	3.3500 04	1.6740 04	5.5070-09	2.1880 01	1.9450-01	-1.9260 00	9.9950-01	0.0	0.0
99	7.9430 01	3.8730 04	3.9880 04	1.9930 04	6.2420-09	2.3020 01	2.7720-02	8.3880-01	9.9950-01	0.0	0.0

TEFF = 20000.0				LOG(G) =		4.00		X =		1.00000		Y =		0.0	
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	1.063D 04	1061.56	3.401D 09	2050.00	7.749D 03	3696.18	1.623D 08	4034.83	1.785D 08						
546.43	2.485D 04	1085.41	3.359D 09	2127.72	7.038D 03	3697.15	1.612D 08	4078.38	1.690D 08						
649.38	2.081D 05	1100.00	3.307D 09	2292.47	5.786D 03	3698.31	1.616D 08	4101.73	6.032D 07						
800.11	1.753D 06	1112.26	3.248D 09	2484.88	4.669D 03	3700.50	1.613D 08	4141.06	1.637D 08						
911.76	5.222D 06	1136.26	3.132D 09	2600.00	4.135D 03	3700.69	1.582D 08	4217.72	1.551D 08						
911.76	5.031D 06	1161.33	3.001D 09	2600.00	4.132D 03	3703.85	1.562D 08	4297.27	1.450D 08						
913.07	8.872D 06	1175.00	2.922D 09	2677.27	3.818D 03	3705.25	1.578D 08	4340.46	5.241D 07						
915.54	1.188D 07	1181.83	2.874D 09	2837.09	3.257D 03	3707.91	1.591D 08	4422.28	1.322D 08						
918.03	1.553D 07	1194.99	2.755D 09	3017.20	2.745D 03	3710.56	1.546D 08	4586.15	1.170D 08						
919.35	1.629D 07	1208.45	2.081D 09	3121.75	2.497D 03	3711.97	1.507D 08	4762.63	1.027D 08						
919.63	1.750D 07	1215.67	1.319D 08	3121.75	2.497D 03	3713.69	1.553D 08	4861.32	3.950D 07						
920.16	1.777D 07	1216.42	1.332D 08	3169.76	2.394D 03	3716.95	1.582D 08	4892.89	9.257D 07						
920.68	1.723D 07	1217.83	4.029D 08	3264.93	2.203D 03	3720.21	1.500D 08	4953.86	8.972D 07						
920.96	1.770D 07	1219.25	9.896D 08	3365.99	2.021D 03	3721.94	1.405D 08	5016.38	8.601D 07						
921.34	1.873D 07	1220.00	1.294D 09	3421.87	1.929D 03	3724.08	1.521D 08	5050.00	8.406D 07						
922.06	1.887D 07	1223.41	2.123D 09	3421.87	1.929D 03	3725.14	1.603D 08	5123.58	7.999D 07						
922.77	2.087D 07	1229.92	2.504D 09	3458.74	1.871D 03	3732.22	1.471D 08	5269.12	7.262D 07						
923.15	2.095D 07	1236.50	2.568D 09	3530.97	1.765D 03	3734.37	1.306D 08	5423.16	6.572D 07						
923.68	2.095D 07	1240.00	2.574D 09	3606.08	1.661D 03	3737.09	1.515D 08	5508.11	6.227D 07						
924.69	2.514D 07	1249.96	2.557D 09	3647.05	1.608D 03	3742.24	1.658D 08	5665.32	5.644D 07						
925.69	2.476D 07	1269.29	2.489D 09	3647.05	1.540D 03	3747.42	1.449D 08	5989.38	4.644D 07						
926.22	2.538D 07	1289.23	2.410D 09	3649.57	1.536D 03	3750.15	1.154D 08	6352.76	3.774D 07						
927.00	2.587D 07	1300.00	2.367D 09	3654.64	1.535D 03	3753.67	1.516D 08	6562.80	1.747D 07						
928.48	3.729D 07	1316.23	2.300D 09	3659.62	1.545D 03	3760.36	1.748D 08	6797.77	2.969D 07						
929.96	2.721D 07	1348.15	2.181D 09	3662.26	1.554D 03	3767.08	1.490D 08	7292.74	2.312D 07						
930.75	2.781D 07	1381.65	2.061D 09	3665.27	1.568D 03	3770.63	1.037D 08	7865.45	1.763D 07						
931.96	3.364D 07	1400.00	1.998D 09	3670.98	1.597D 03	3775.31	1.582D 08	8205.87	1.513D 07						
934.26	7.992D 07	1419.35	1.933D 09	3676.71	1.629D 03	3784.22	1.851D 08	8205.87	1.463D 07						
936.58	4.232D 07	1457.53	1.817D 09	3679.74	1.643D 03	3793.16	1.553D 08	8862.47	1.230D 07						
937.80	3.572D 07	1497.83	1.702D 09	3680.27	1.645D 03	3797.90	9.300D 07	10448.64	6.664D 06						
939.84	8.422D 07	1520.00	1.643D 09	3681.28	1.649D 03	3804.32	1.667D 08	12726.36	3.174D 06						
943.74	3.027D 08	1545.12	1.577D 09	3682.28	1.652D 03	3816.55	1.933D 08	14380.00	1.997D 06						
947.66	1.033D 08	1595.10	1.460D 09	3682.81	1.653D 03	3828.85	1.675D 08	15890.88	1.391D 06						
949.74	3.899D 07	1648.41	1.346D 09	3683.50	1.655D 03	3835.38	8.561D 07	19843.04	5.921D 05						
953.60	3.698D 08	1678.00	1.287D 09	3684.82	1.658D 03	3844.54	1.792D 08	26411.82	1.966D 05						
961.00	1.370D 09	1723.39	1.204D 09	3686.13	1.657D 03	3862.03	1.962D 08	32000.00	9.281D 04						
968.52	7.524D 08	1816.53	1.054D 09	3686.83	1.653D 03	3875.67	1.758D 08	34121.04	7.222D 04						
972.54	5.593D 07	1920.32	9.153D 08	3687.64	1.657D 03	3889.05	7.526D 07	39024.39	4.261D 04						
981.32	2.131D 09	1980.00	8.464D 08	3689.19	1.657D 03	3908.80	1.840D 08	45573.51	2.312D 04						
998.42	3.073D 09	1991.74	8.345D 08	3690.73	1.648D 03	3929.14	1.917D 08	50000.00	1.605D 04						
1016.12	2.462D 09	2014.39	8.107D 08	3691.55	1.643D 03	3955.84	1.792D 08	54724.75	1.124D 04						
1025.72	5.975D 07	2037.56	7.873D 08	3692.52	1.645D 03	3970.07	6.761D 07	66666.67	5.149D 03						
1037.82	2.861D 09	2050.00	7.750D 08	3694.35	1.642D 03	3992.20	1.806D 08	85275.25	1.937D 03						

I	TAU	TE	PG	PE	RHO	KAPZ	DF(%)	D TE	XH2	XHE2	XHE3
1	1.0003-08	1.1850 04	8.0830-04	4.0410-04	4.1360-16	3.9750-01	-1.9413-01	-6.4280 02	1.0000 00	0.0	0.0
3	1.0003-07	1.1870 04	7.9390-03	3.9700-03	4.0550-15	3.9770-01	-1.9413-01	-6.4390 02	1.0000 00	0.0	0.0
5	1.0003-06	1.1860 04	7.9110-02	3.9560-02	4.0440-14	3.9900-01	-2.0420-01	-7.6430 02	1.0000 00	0.0	0.0
7	1.0003-05	1.1950 04	7.7840-01	3.8920-01	3.9470-13	4.1150-01	-3.0660-01	-5.1140 02	9.9990-01	0.0	0.0
9	1.0003-04	1.1790 04	6.8400 00	3.4190 00	3.5160-12	5.2590-01	-4.0300-01	2.9950 01	9.9950-01	0.0	0.0
11	1.0003-03	1.2510 04	4.2720 01	2.1350 01	2.0700-11	1.0480 00	-4.3690-01	9.3000 00	9.9880-01	0.0	0.0
13	1.3590-03	1.3040 04	5.3390 01	2.8680 01	2.4630-11	1.1030 00	-4.4360-01	-9.0390-01	9.9900-01	0.0	0.0
15	1.8480-03	1.3000 04	6.5700 01	3.2830 01	3.0640-11	1.2730 00	-4.3730-01	1.7120 00	9.9880-01	0.0	0.0
17	2.5120-03	1.2730 04	8.0680 01	4.0300 01	3.8460-11	1.5560 00	-4.2000-01	1.1200 01	9.9820-01	0.0	0.0
19	3.4150-03	1.2930 04	9.7920 01	4.8910 01	4.6660-11	1.8000 00	-3.3520-01	1.5360 01	9.9780-01	0.0	0.0
21	4.6420-03	1.2730 04	1.1860 02	5.9240 01	5.5670-11	2.0080 00	-3.4450-01	1.3620 01	9.9780-01	0.0	0.0
23	6.3100-03	1.3450 04	1.4340 02	7.1620 01	6.4680-11	2.1010 00	-3.0630-01	8.7050-01	9.9830-01	0.0	0.0
25	8.5770-03	1.3640 04	1.7350 02	8.5690 01	7.7190-11	2.3620 00	-2.1190-01	2.1470 00	9.9830-01	0.0	0.0
27	1.1660-02	1.3530 04	2.0950 02	1.0470 02	9.3950-11	2.8320 00	-1.0650-01	9.3380 00	9.9780-01	0.0	0.0
29	1.5850-02	1.3700 04	2.5220 02	1.2590 02	1.1170-10	3.2080 00	-6.2850-02	8.7570 00	9.9770-01	0.0	0.0
31	2.1540-02	1.3890 04	3.0320 02	1.5140 02	1.3250-10	3.6270 00	-1.4680-02	8.6440 00	9.9760-01	0.0	0.0
33	2.9290-02	1.4100 04	3.6460 02	1.8210 02	1.5690-10	4.0910 00	-4.3870-02	8.4970 00	9.9760-01	0.0	0.0
35	3.9810-02	1.4320 04	4.3830 02	2.1890 02	1.8570-10	4.6140 00	-1.1310-01	8.3530 00	9.9760-01	0.0	0.0
37	5.4120-02	1.4560 04	5.2690 02	2.6320 02	2.1960-10	5.2000 00	-9.9590-02	8.2150 00	9.9770-01	0.0	0.0
39	7.3560-02	1.4810 04	6.3350 02	3.1640 02	2.5960-10	5.8620 00	-7.0320-02	8.1510 00	9.9780-01	0.0	0.0
41	1.0003-01	1.5090 04	7.6200 02	3.8060 02	3.0640-10	6.5790 00	-5.1600-02	8.0290 00	9.9790-01	0.0	0.0
43	1.2590-01	1.5330 04	8.7580 02	4.3750 02	3.4670-10	7.1580 00	-3.0970-02	7.9300 00	9.9800-01	0.0	0.0
45	1.5850-01	1.5570 04	1.0070 03	5.0320 02	3.9200-10	7.7610 00	-1.2890-02	7.7530 00	9.9810-01	0.0	0.0
47	1.9950-01	1.5890 04	1.1600 03	5.7950 02	4.4330-10	8.4010 00	-1.0910-04	7.5920 00	9.9830-01	0.0	0.0
49	2.5120-01	1.6190 04	1.3370 03	6.6820 02	5.0110-10	9.0710 00	2.1800-02	7.3460 00	9.9840-01	0.0	0.0
51	3.1620-01	1.6540 04	1.5440 03	7.7170 02	5.6640-10	9.7680 00	-6.4900-03	7.0680 00	9.9860-01	0.0	0.0
53	3.9810-01	1.6920 04	1.7860 03	8.9260 02	6.4040-10	1.0500 01	-5.4540-03	6.7950 00	9.9870-01	0.0	0.0
55	5.0120-01	1.7330 04	2.0700 03	1.0340 03	7.2450-10	1.1270 01	3.9970-02	6.4580 00	9.9870-01	0.0	0.0
57	6.3100-01	1.7770 04	2.4020 03	1.2000 03	8.2000-10	1.2080 01	7.3810-02	5.9950 00	9.9870-01	0.0	0.0
59	7.9430-01	1.8240 04	2.7930 03	1.3950 03	9.2870-10	1.2930 01	1.2060-01	5.3730 00	9.9870-01	0.0	0.0
61	1.0003 00	1.8740 04	3.2520 03	1.6250 03	1.0520-09	1.3850 01	5.5160-02	4.6410 00	9.9870-01	0.0	0.0
63	1.2590 00	1.9280 04	3.7920 03	1.8950 03	1.1930-09	1.4800 01	-1.7810-01	4.4400 00	9.9880-01	0.0	0.0
65	1.5850 00	1.9860 04	4.4290 03	2.2130 03	1.3530-09	1.5800 01	-1.6990-01	4.6220 00	9.9880-01	0.0	0.0
67	1.9950 00	2.0440 04	5.1790 03	2.5880 03	1.5370-09	1.6940 01	1.0810-01	4.4140 00	9.9880-01	0.0	0.0
69	2.5120 00	2.1050 04	6.0600 03	3.0280 03	1.7460-09	1.8150 01	2.2730-01	3.4730 00	9.9890-01	0.0	0.0
71	3.1620 00	2.1710 04	7.0950 03	3.5460 03	1.9820-09	1.9410 01	3.5270-01	1.6290 00	9.9890-01	0.0	0.0
73	3.9810 00	2.2420 04	8.3160 03	4.1560 03	2.2490-09	2.0710 01	-1.2150-01	9.0220-02	9.9900-01	0.0	0.0
75	5.0120 00	2.3210 04	9.7610 03	4.8780 03	2.5500-09	2.1990 01	-5.4250-01	1.0370 00	9.9910-01	0.0	0.0
77	6.3100 00	2.4000 04	1.1470 04	5.7320 03	2.8980-09	2.3480 01	-5.9120-02	2.8720 00	9.9910-01	0.0	0.0
79	7.9430 00	2.4730 04	1.3470 04	6.7330 03	3.3030-09	2.5320 01	2.9810-01	3.8560 00	9.9920-01	0.0	0.0
81	1.0003 01	2.5590 04	1.5820 04	7.9060 03	3.7480-09	2.6990 01	1.6350-01	2.9160 00	9.9920-01	0.0	0.0
83	1.2590 01	2.6650 04	1.8610 04	9.2990 03	4.2330-09	2.8320 01	-2.2390-01	1.2140-01	9.9920-01	0.0	0.0
85	1.5850 01	2.7820 04	2.1950 04	1.0970 04	4.7840-09	2.9660 01	-3.5800-01	-1.8690 00	9.9920-01	0.0	0.0
87	1.9950 01	2.8960 04	2.5960 04	1.2970 04	5.4340-09	3.1410 01	-6.4620-03	-7.7520-01	9.9930-01	0.0	0.0
89	2.5120 01	3.0020 04	3.0670 04	1.5330 04	6.1950-09	3.3810 01	4.4430-01	2.2390 00	9.9930-01	0.0	0.0
91	3.1620 01	3.1260 04	3.6210 04	1.8100 04	7.0240-09	3.5940 01	-1.2670-01	4.0750 00	9.9930-01	0.0	0.0
93	3.9810 01	3.2860 04	4.2810 04	2.1400 04	7.8990-09	3.7390 01	-2.3540-01	2.2900 00	9.9930-01	0.0	0.0
95	5.0120 01	3.4590 04	5.0780 04	2.5380 04	8.8990-09	3.8880 01	1.0200-02	-1.5620 00	9.9930-01	0.0	0.0
97	6.3100 01	3.6290 04	6.0370 04	3.0170 04	1.0090-08	4.0950 01	7.6530-02	-1.5100 00	9.9930-01	0.0	0.0
99	7.9430 01	3.8130 04	7.1820 04	3.5900 04	1.1420-08	4.3030 01	1.6950-01	6.7780-01	9.9940-01	0.0	0.0

TEFF = 20000.0 LOG(G) = 4.50 X = 1.00000 Y = 0.0									
LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM	LAM	F LAM
504.26	4.9380 03	1061.56	3.5200 09	2050.00	7.7540 03	3696.18	1.6220 08	4034.83	1.7870 08
546.43	2.0470 04	1085.41	3.5360 09	2127.72	7.0370 03	3697.15	1.6170 08	4078.38	1.6680 08
649.38	1.7500 05	1100.00	3.4890 09	2292.47	5.7730 03	3698.31	1.6200 08	4101.73	6.0040 07
800.11	1.5020 06	1112.26	3.4300 09	2484.98	4.6520 08	3700.50	1.6190 08	4141.06	1.6360 08
911.76	4.3210 06	1136.26	3.3040 09	2600.00	4.1170 08	3702.69	1.6030 08	4217.72	1.5600 08
911.76	4.2550 06	1161.33	3.1540 09	2600.00	4.1150 08	3703.85	1.5940 08	4297.27	1.4520 08
913.07	7.2450 06	1175.00	3.0560 09	2677.27	3.8000 08	3705.25	1.5990 08	4340.46	5.1760 07
915.54	8.8160 06	1181.83	2.9920 09	2837.09	3.2420 08	3707.91	1.5990 08	4422.28	1.3290 08
918.03	9.7750 06	1194.99	2.8090 09	3017.20	2.7320 08	3710.56	1.5730 08	4586.15	1.1760 08
919.35	1.0860 07	1208.45	1.7240 09	3121.75	2.4850 08	3711.97	1.5530 08	4762.63	1.0310 08
919.63	1.1040 07	1215.67	9.9950 07	3121.76	2.4850 08	3713.69	1.5700 08	4861.32	4.0410 07
920.16	1.1350 07	1216.42	1.0150 08	3169.76	2.3820 03	3716.95	1.5780 08	4892.89	9.2110 07
920.68	1.3710 07	1217.83	2.4920 08	3264.93	2.1910 08	3720.21	1.5280 08	4953.86	9.0020 07
920.96	1.3760 07	1219.25	5.1410 08	3365.99	2.0090 03	3721.94	1.4760 08	5016.38	8.6350 07
921.34	1.3370 07	1220.00	8.5880 08	3421.87	1.9170 08	3724.08	1.5360 08	5050.00	8.4400 07
922.06	1.3420 07	1223.41	1.8080 09	3421.87	1.9170 08	3728.14	1.5690 08	5123.58	8.0300 07
922.77	1.4970 07	1229.92	2.4650 09	3458.74	1.8600 08	3732.22	1.4850 08	5269.12	7.2880 07
923.15	1.5890 07	1235.50	2.6130 09	3530.87	1.7540 08	3734.37	1.3870 08	5423.16	6.5910 07
923.68	1.6430 07	1240.00	2.6380 09	3606.08	1.6520 08	3737.07	1.5080 08	5508.11	6.2430 07
924.69	1.7950 07	1249.96	2.6450 09	3647.05	1.6000 08	3742.24	1.5880 08	5665.32	5.6570 07
925.69	1.7200 07	1269.29	2.5830 09	3647.05	1.5310 08	3747.42	1.4330 08	5989.38	4.6520 07
926.22	1.8060 07	1289.23	2.5000 09	3647.05	1.5270 08	3750.15	1.2340 08	6352.76	3.7770 07
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928.48	2.7280 07	1316.23	2.3810 09	3653.62	1.5290 08	3760.36	1.6510 08	6797.77	2.9720 07
929.96	2.0930 07	1348.15	2.2500 09	3662.26	1.5340 08	3767.08	1.4380 08	7292.74	2.3120 07
930.75	2.1160 07	1381.65	2.1210 09	3665.27	1.5410 08	3770.63	1.0910 08	7865.45	1.7620 07
931.96	2.4130 07	1400.00	2.0530 09	3670.98	1.5620 08	3775.31	1.5140 08	8205.87	1.5120 07
934.26	5.0900 07	1419.35	1.9820 09	3675.71	1.5840 08	3784.22	1.7480 08	8205.87	1.4660 07
936.58	2.9730 07	1457.53	1.8580 09	3679.74	1.5960 08	3793.16	1.4640 08	8862.47	1.2320 07
937.60	2.6290 07	1497.83	1.7350 09	3680.27	1.5980 08	3797.90	9.4500 07	10448.64	6.6700 06
939.84	5.2320 07	1520.00	1.6730 09	3681.28	1.6020 08	3804.32	1.5670 08	12726.36	3.1720 06
943.74	1.5720 08	1545.12	1.6030 09	3682.28	1.6050 08	3816.55	1.8510 08	14380.00	1.9940 06
947.66	6.1750 07	1595.10	1.4800 09	3682.81	1.6070 08	3828.85	1.5640 08	15890.88	1.3900 06
949.74	2.7980 07	1648.41	1.3610 09	3683.50	1.6090 08	3835.38	8.5200 07	19843.04	5.9040 05
953.60	1.8690 08	1678.00	1.3000 09	3684.82	1.6140 08	3844.54	1.6890 08	26411.82	1.9580 05
961.00	8.6700 08	1723.39	1.2140 09	3685.13	1.6180 08	3862.03	1.9130 08	32000.00	9.2230 04
968.52	3.9330 08	1816.53	1.0590 09	3686.83	1.6190 08	3879.67	1.6590 08	34121.04	7.1740 04
972.54	3.9900 07	1920.32	9.1760 08	3687.64	1.6210 08	3889.05	7.5960 07	39024.39	4.2250 04
981.32	1.5610 09	1980.00	8.4770 08	3689.19	1.6240 08	3902.80	1.7710 08	45573.51	2.2880 04
998.42	2.8580 09	1991.74	8.3590 08	3690.73	1.6250 08	3929.14	1.9010 08	50000.00	1.5860 04
1016.12	1.9200 09	2014.39	8.1180 08	3691.55	1.6230 08	3955.84	1.7350 08	54724.75	1.1090 04
1025.72	4.4210 07	2037.56	7.8810 08	3692.52	1.6270 08	3970.07	6.8900 07	56666.67	5.0710 03
1037.82	2.4950 09	2050.00	7.7570 08	3694.35	1.6280 08	3992.20	1.7800 07	85275.25	1.9040 03

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